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THE INDUSTRIOUS HEN

ONE YEAR 50c.—THREE YEARS \$1

AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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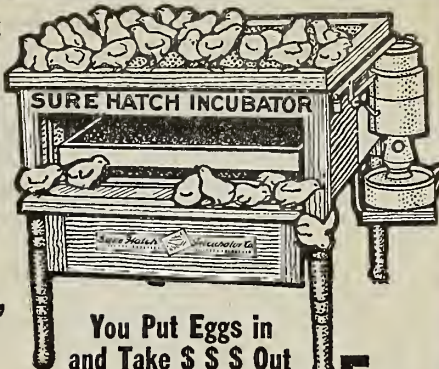
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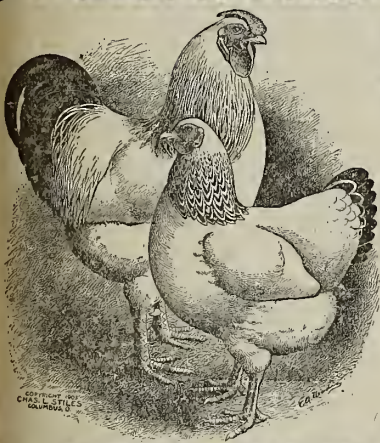
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BUFF PLYMOUTH ROCK and S. C. Brown Leghorn pullets and cockerels, Pekin Ducks, and first prize at Virginia State Fair White Holland Turkeys. Laurel Hill Poultry Farm, Roxbury, Va. 46

IF YOU WANT Black Spanish Anconas, Indian Games or Buff Leghorns, the kind that will win for you Send for Circular. Stock for sale. Eggs \$1 for 15. C. E. Wilcox, Federalburg, Md. 50

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EGGS—From fine prize winning strains. S. C. R. I. Reds, Black Langshans, Barred Rocks, \$1.50 per 15. Reds, special matings, \$2.00 per setting. Have exhibited only once, Birmingham. Five Langshans, 1 Red, no Rocks. Won on Langshans, 2nd cockerel, 2nd and 4th hens, under Judge Marshall. Forty-five Reds and twenty Langshans at reduced prices. Mrs. F. O. Hurt, Limrock, Alabama. 46

SEVERAL VARIETIES—Continued.

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MURRAY Hill Farm breeds Barred Plymouth Rocks, Partridge and Columbian Wyandottes, Japanese Silkies, Pekin and Blue Swedish Ducks. They annually prove their quality at Cleveland, Hagerstown and New York. Stock for sale. Address Eugene Sites, Elyria, O., Box 5. 44

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76 BIRDS in our Breeding Pens. Winners from the Great Jamestown Exposition show, 1907; winners at Tennessee State Fair, 1907; winners at Rutherford County Show, 1907; winners at Nashville, Tenn., and Birmingham, Ala., 1907. If you want winter eggs rear March and April Andalusian and Spanish pullets—the Mediterranean egg machines. Blue Andalusian eggs, 15 for \$3.00. 30 for \$5.00. White Face Black Spanish eggs, 15 for \$2.00. 30 for \$3.50. Lay large white eggs, the kind brings top market in New York market. Thompson & Hawkins Barred P. Rocks for market purpose. 15 eggs for \$1.50. 30 eggs for \$2.50. A. N. Brown, Woodbury, Tenn. 48

MISCELLANEOUS

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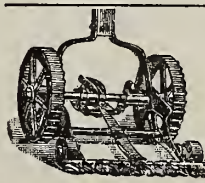
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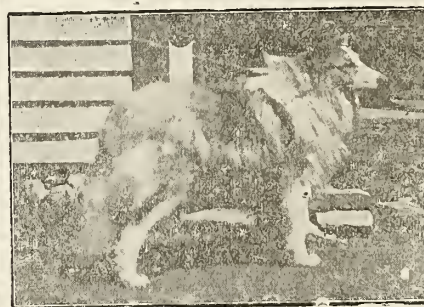
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THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 4

Knoxville, Tenn., January, 1908

(Whole No. 44) No. 8

EAST TENNESSEE POULTRY ASSOCIATION SHOW

BY THE EDITOR

DESPITE the fact that the same dates were taken by Atlanta and Nashville, with Charlotte and Louisville coming the following week, the number of entries at Knoxville this year were several hundred greater than last year, while in quality there was a tremendous stride forward. The new form of coop entry and score card was a great improvement, while the Secretary's show book, published by THE INDUSTRIOUS HEN was pronounced a great success and will be generally adopted next year. It gives at a glance a complete record, makes accuracy easy, and is a great time saver. The show was beautifully cooped in freshly painted white coops—a great help in lighting up the building. The management was perfect, all details being handled with ease and dispatch.

Notwithstanding the bad weather—especially on Saturday, usually the best day—the attendance was fully up to last year. Mississippi, Alabama, Georgia, North Carolina, South Carolina, Kentucky, Virginia, Tennessee, Indiana, Ohio, and Pennsylvania were all represented by birds. There were some remarkable changes in the classes represented. At the first show B. P. R. led; at the second White Wyandottes. At this show it was Rhode Island Reds. They deserve the place, too, for a better lot of advertisers and boosters for a breed we have never seen. They claim everything for the Reds and we believed all their claims. The birds of Paradise are undoubtedly Rhode Island Reds, though, of course, I know there are White Wyandottes. There were nearly 200 Reds in the show, the quality unusually good.

There was a great fight for first honors between Wade Hampton and Sam Cooper, with the former winner by fractions, closely followed by Ellsworth, of Johnson City, with Bob Williams, Brown and Jackson among the winners. The new president of the Association, McLean, won a prize with a cockerel. He is a good Red himself. Not a yellow feather; cut some for overweight; some points missing from comb; hackle good; back fine; breast too broad; tail carried a little high; typical; carriage good and can crow to beat the band.

Next show the R. I. Red breeders expect to show 300 birds and have a special judge for this class. A meeting was held during the show to organize a State Association, J. A. Dinwiddie, of New Market, presiding. At a later date the club will organize.

The club cup was won by Wade Hampton, of Rogersville.

Over 150 S. C. Brown Leghorns, of such quality as has never before been seen at one show, made a display worth going miles to see. Three silver cups were offered for this breed, besides club specials. The old rivals, Carter, Henderson, Copeland and Jennings won the majority of prizes, with Carter in the lead. Carter won the East Tennessee Association cup for best cock, hen, cockerel and pullet, and club cup for greatest number of prize points. Jennings won cup for ten highest scoring fowls.

Next came S. C. White Leghorns, nearly 150, with A. J. Lawson, of Cleveland, in the lead, closely pressed by Wilson, of Oliver Springs; T. D. Smith, of this city; Wilber Bros., Petros; Dinwiddie, of New Market; and Childress and Dr. Boyd, of Sweetwater. Lawson won the club cup for ten highest scoring birds.

Barred Plymouth Rocks were next. Mrs. W. R. Madden made a remarkable record in this class, winning nearly all the prizes in a large field, besides a number of specials and

THE INDUSTRIOUS HEN cup for the American class. We congratulate her on the success of her painstaking, hard work.

S. C. Buff Orpingtons—about the same number of entries as B. P. Rocks. Here the contest was a hot one, with A. C. Cochran, of Knoxville, in the lead, followed by Newberry and Mrs. Geo. Miller, of Russellville. Mrs. Miller is strong on females; she has won with them at a number of shows this season. She won club special for the best pullet. A. C. Cochran had a fine display of winners. He won last year, too, and this time won the S. C. Buff Orpington cup.

White Wyandottes were well represented—not as large a class as last year, but high in quality. Mrs. Tepell's first cock, score 95, was a magnificent bird, perfect in color. Mrs. Bell was in the money with her winning males and pen prize.

W. P. Rocks were a splendid lot. Joe Knott at last came into his own with the majority of the prizes, the result of hard, steady work. He deserves to win. Congratulations, Joe.

S. C. Black Minorcas were a fine lot. Fred Carter got even with his Atlanta rival and lead the class. Mrs. Geo. Miller, of Russellville, won also. She had hard luck with some of her best and could not show them. Mrs. Beeler, of Powder Springs, was near the top in her winners, too.

In Partridge Wyandottes there was a hot fight between Rex Sharpe and Dr. Bowman, with Sharpe a little in the lead.

J. E. Muecke, Jr., of Kingston, of "square deal" fame, had it all his own way with his Silver Wyandottes. He showed at Nashville at same time and made a big winning there. He has not been beaten this season.

In Buff Plymouth Rocks, J. G. Comfort made a scoop, winning all club specials and silver cup.

In Rose Comb R. I. Reds, Wade Hampton was easily first, tho a young exhibitor from Johnson City won first with a beautiful 95 point cock.

Sam Cooper made a clean sweep in R. C. White Leghorns, winning THE INDUSTRIOUS HEN Mediterranean cup and INDUSTRIOUS HEN cup for best display in the whole show.

T. C. Adams, of Bristol, had birds of quality in Black Langshan class and deserved to win. He had the highest scoring pen in the show. H. C. Austin won first cock and was second. We missed J. C. Adams and Cochran, of Bristol; the latter strayed to Nashville, where he made a scoop.

There were good displays of R. C. Black Minorcas, Buff Leghorns, White Langshans, Cornish Indians, Bantams and a show of Houdans of far better quality than before. There was a fine display of Pit Games. Next year it will be larger with a special judge for the class. This year the Buff and Columbian Wyandottes, Light Bramahs and Buff Cochins were not represented. Of the breeders of winners at last year's show we were sorry to miss Walker Bros., in White Wyandottes; Charley Hale, in B. P. Rocks, and D. P. Walker, in White P. Rocks.

The Turkey exhibit was much better than usual. Mrs. Landess kept up her good record by winning both birds. Mrs. Beeler was pretty close, as was Mrs. Susong. There were a number of good sales reported.

In White Hollands the birds were extra large and fine. M. S. McClelland won first on old tom and 3d on hen; and A. S. Bell, who had five entries, won two firsts and two seconds on young tom and young hen.

The Pekin Ducks were of better quality. In geese the Toulouse and Wild class were well represented.



"HUGH B" AT BIRMINGHAM.

H. B. Henry's S. C. Brown Leghorns have begun business again at the old stand. At Birmingham he won 1, 2, 3, 4 cockerel; 1, 2 cock; 1, 2, 4 hen; 1, 2, 3, 5 pullet; 1 and 2 pens; silver cup for the best pen, and \$5 for the best display in Mediterranean class. In two shows has only lost two third prizes and one fourth prize—won all the others.

Among the prominent visitors was Mrs. C. B. Campbell, of Ashville, N. C., the prominent breeder of Buff and S. C. Brown Leghorn winners. Mrs. Campbell is also Secretary of the Ashville Poultry Association. We have seen her at work, where she is up-to-date in her position—a true fancier, and a hustler, too.

Judges Brown and Owen had their work cut out for them, but got through in good shape, with general satisfaction. Next year we would like to see the judges better protected from the spectators crowding around where they are at work. It delayed matters somewhat this year.

Among the visitors were Fred A. Cook, of Beaver, Pa., and E. A. Staebler, of Cleveland, Ohio, next year's President and Secretary of the National S. C. Brown Leghorn Club. We had the pleasure of meeting these gentlemen who impressed all who met them with their courtesy and good fellowship. They showed some fine birds and were among the winners.

A number of new members joined the East Tennessee Association, which is much stronger than ever, with the brightest of prospects for an even better show Dec. 8 to 12, 1908.

At the annual meeting the thanks of the Association were voted to the City Council for use of Market Hall; to Col. Spence for courtesies shown, and to the daily press for the loyal and liberal manner in which they supported the show in their columns.

A special vote of appreciation was made to THE INDUSTRIOUS HEN for the loyal and effective manner in which it had supported and pushed the interests of the Association and had advanced the poultry interests in general.

The association will hold its next session December 9th, 10th, 11th and 12th, of this year, with Mr. Thomas E. McLean the newly elected president for the ensuing year.

At the association business session Mr. J. T. Henderson presided and Mr. J. T. Oates officiated as secretary. Reports of committees were first disposed of, and a rosy report of the year, and the prospects for the next year was offered by President Henderson. Election of officers followed and the new president made a brief address of appreciation. H. L. Freeman, who was elected as vice-president, made also a short talk, and the selection of Mr. J. T. Oates for the third term of secretaryship was declined on his part for business reasons and the election of his successor was postponed till the adjourned session.

A committee of three, including E. E. Carter, J. A. Dinwiddie and T. L. Bayne were appointed to secure the names and costs of six available judges. Next year's judges will be elected by ballot by those present at the coming session, February 8th, board of trade hall, at 1:30 p. m.

A call, for those interested in an organization of a Tennessee state division of a National Single Comb Rhode

Island Red club, was issued by Mr. J. A. Dinwiddie, who presented the names of some score or more of these breeders requesting him to work for the organization of such a club with headquarters at Knoxville. Mr. Dinwiddie announced that the breeders of these birds would be assisted by the East Tennessee association to obtain a judge for that class for the next exhibit by payment of half his expenses, if the proposed club would pay their share. He was instructed to correspond with the national secretary for information as to the manner of organization. The nucleus of the new club then adjourned to the call of J. A. Dinwiddie, New Market, acting as chairman.

The annual session of the American Singlecomb Brown Leghorn club was held on Friday afternoon at one o'clock at the Imperial hotel. There were about 164 members of the club represented by proxy, about twenty-five members altogether being present. The order of business was reading of the secretaries' reports and selection of officers for the ensuing year. The place of the next session will be determined during the summer.

An election of officers resulted:

President—Fred H. Cook, of Beaver, Pa.

Western vice-president—W. G. Warnock, Genessee, Ill.

Northern vice-president—W. H. Webke, Fort Wayne, Ind.

Central vice-president—S. W. Crosby, Newton Falls, O.

Eastern vice-president—E. S. Shaller, Clark, Pa.

Southern vice-president—Loring Brown, Smyrna, Ga.

Secretary-treasurer—E. W. Staebler, Cleveland, Ohio.

Mr. Staebler, of Cleveland, was the only re-election of the club officers for the year. Mr. Brown, of Smyrna, is one of the present judges at the local association exhibit.

But one application is in as yet for the next annual meeting of the club. This has been made by Pittsburgh.

The National Singlecomb White Leghorn club of America made the award of its state silver cup on Friday afternoon. This cup was presented to A. J. Lawson, of Cleveland, Tenn.

Capt. T. E. McLean, who has a fine exhibit of birds, refused a fifty-dollar bill for one of his single comb Rhode Island Red cockerels.

The attendance was a record breaker, the first day being marked by a patronage of fifteen hundred people, and the second by some 1,250 paid admissions.

An enormous bunch of school children visited the show. This augmented the door receipts, and the hall was still further crowded in the afternoon by the attendance of all boy students of the East Tennessee Deaf and Dumb institute, who were given complimentary admission to the show.

Next year's show will be featured by the continuance of the use of score cards, this being one of the most important items considered at the business session of Friday night. It is believed that this is to be to the best interests of the many students of poultry raising in East Tennessee, as it is in part an education and assists them to do better work in breeding and working up entries for the association's annual exhibits.



Lord Chesterfield, Blue Andalusian Cockerel, first prize winner at Jamestown, October, 1907. Bred by V. H. Councill, Warrenton, Va.

POULTRY WORK FOR JANUARY

BY THE EDITOR

Make up your mind right now to keep an accurate account of your poultry, it is the only way to see how you are progressing. You will find that it will not only save you money but will be a great source of satisfaction to you.

Feed is high, so you must cull out more severely; get rid of every fowl which is not a source of profit to you.

Now is a good time to install trap nests. They will help you even if you only use a few till, say the month of May. Now that you are starting your hatching season, have everything ready before you start, it may mean the difference between success and failure. Examine your houses carefully for leaks, both water and air, they will surely cause cold, maybe roup and certain loss.

Keep track of the fowls this cold weather, look them over at night, take out any showing signs of cold, put in warm quarters; a couple of doses of quinine, 1 grain at a time in a pill; this, with a skim of kerosene on the drinking water, will stop what might be a bad cold.

You should have mated up in December, still it is not too late now to mate, or to change and improve some of the matings already made. Don't crowd your pens. A good plan I have found, is to place fewer hens with the males in the coldest season, adding one or two more as the Spring approaches. Observe your pens, you will find some of the hens

not in favor with the male; change them; the reverse must also be looked after.

This is the time to introduce new blood into your flock if you need it. But it must be done with care. Best get a male or two from the flock from which you got your original stock. If from a different strain, use new females. Watch carefully the results of the matings to see if they succeed. These cold days clean tepid water twice a day is most essential if you want to get eggs, let it be in clean vessels.

You must feed beef scraps or fresh cut bone or meat twice a week, with plenty of green stuff, it means more eggs.

Feed regularly, do all your work regularly; a day's neglect will show right off. The heavy meal had best be fed in the afternoon. On wet, snowy days keep the hens in the houses, it will mean more eggs. Don't forget the dust bath, sifted coal ashes are good if you have not the dust.

Gather the eggs several times a day; don't let them chill; 50° is as low as they should go. Handle eggs carefully, it will mean quite an increase in the hatches with better and stronger chicks from the eggs. In fine give the chicks every chance to come into the world under right conditions. It pays. On cold days increase the amount of corn; but for egg production oats come first, wheat next, but don't feed any one grain continually, the fowls like a change as much as you do. Be good to your birds, they will pay it all back many-fold.

A FEW CAUSES OF DISEASE IN POULTRY

WRITTEN FOR THE INDUSTRIOUS HEN BY DR. N. W. SANBORN.

Nearly all illness in our birds could be avoided if we knew causes and practiced prevention. The fact is that few poultrymen consider this matter until the disease breaks out in the flock.

Take, for illustration, chicken-pox, (sore-head), a common disease in the warm sections of the country. This disease comes from a previous case. It never appears except where another case has supplied germ life to pass on the sickness. The quarantening of all new birds, stock returning from the shows, prevents the needless spread of the trouble. Keeping your hens at home may avoid introducing chicken-pox from neighbors flocks. Know this disease, its symptoms and course, and keep it off your plant. It will save fret and money. Once introduced to a farm and it's hard getting the last case cured.

Roup, canker, catarrhs, are all passed on to other birds through the drinking dish, the feed dish, and the earth of floor and run. It's time well spent in preventing the coming of the first case of illness from outside the plant.

Then there are a lot of causes of disease that we provide ourselves. We may not intend to do this, in fact we don't know the A, B, C's of causes as yet, but we have knowledge that we should apply to our work with poultry.

The one great cause of illness in our hens is filth. This may be dirty feed, foul air, or infected soil. The food may be musty, sour, or spoiled, leading to indigestion or canker. The air of the house may be so limited as to oblige the hens to breathe, over and over again, the re-breathed air. The tight-house, or the close roosting closet, does not allow the foul air to pass out, and new come in, as needed by the birds on the roost or exercising on the floor of the house. The soil of the poultry house may become thick with droppings, or the yard near the buildings get full of filth, supplying good breeding ground for various diseases.

The contracted air space in brooder may be too little for the chicks to live in. They "drop away," a few at a time, and we wonder what better ration would have saved them.

Dirty drinking dishes, seldom or ever cleaned, or the filthy mud-puddles that exist in many barnyards, have a part in the many cases of sickness that appear in some flocks.

Paint skins, paris green, half unslacked lime, are to blame for some of the mysterious illnesses that are reported to the suffering editors of our poultry journals.

Poorly balanced rations should not be forgotten in our study of this subject. The too fattening ration leads to indigestion, breakdown, and liver diseases. The food that is too rich in meat and green bone will show itself in a diarrhoea that is thin, yellow, and full of fine air bubbles. A ration that is deficient in green food, such as grass, rape, clover or roots, is as bad for a hen as all grain without hay is wrong for cows. Yarded birds, badly fed, will always be afflicted with troubles of all descriptions.

Dark houses, small runs, crowded coops and brooders, present conditions favorable for sickness.

Another cause for disease, seldom mentioned, is the breeding of birds that have been seriously ill. There are few exceptions to the rule that it is seldom safe to put into the breeding pen a bird that has been so ill as make you wonder whether it will recover. Especially true is this of roup. No disease leaves so deep a mark as does roup. The bird may appear in perfect health, yet throw chicks that cannot escape the disease when the fall season begins. Then the breeding together of birds that have a tendency toward certain bodily ailments. Rheumatism, heart disease, fall colds, liver diseases, seem to run in some strains of fowl and should never be bred closely.

There are strains in every breed, every variety, that stand out pre-eminently healthy. Their every action shows vigor, their chicks are lively and stand abuse, and they can be pushed for eggs as you would run a machine.

Let's know more of causes of disease and prevention of it. Let's breed stock that is red combed, active, and bred-to-lay. With this kind of birds filling your houses you will seldom fail to get plenty of eggs, eatable, hatchable, and worth your while! I hope the time is coming when farmers' institutes will make a place for poultry raising. Not the old ways of handling fowl, but the well worked out plans that are now followed on the large poultry farms. They use the hatchet rather than the pill, the block instead of the "cure"! When this is told the farmers' clubs, and poultry shows, we we shall hear something of causes of disease and be told how to avoid most of the ailments that are now so common in our flocks.

[Dr. Sanborn is one of the ablest physicians and most thorough scholars of our times. He is very much interested in the diseases and ailments of birds and animals and his articles will be read with pleasure and profit.—Ed.]



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The Industrious Hen Co., Knoxville, Tenn.

Vol. 4 **JANUARY, 1908** **No. 8**

THE INDUSTRIOUS HEN is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

The Editor is not responsible and does not always endorse the opinions as expressed by his contributors. Subscribers desiring a change in address will please give the old as well as the new postoffice.

ADVERTISING RATES

Furnished on application. The value of THE INDUSTRIOUS HEN as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertion in the issue of any month, should reach this office

Not later than the 25th of the month preceding.

BREEDERS' CARDS—2½ cents a word each month for one, two or three months; 2 cents a word each month for four or more months. A 25 word card will be run six months for \$2.50, one year for \$4.50. A small cut illustrating a breeder of 25 words or more will be used for 50 cents additional. Numbers and initials count as words. Please count the words correctly and avoid delay. We keep no books with this department and cash must invariably accompany the order.

THE INDUSTRIOUS HEN reserves the right to reject any advertisement for cause.

IMPORTANT

Many new advertisements, show announcements, etc., have been left out of this number of THE HEN on account of receiving them too late. We hold our forms open as long as we possibly can to accommodate our friends, but we must have a time to close, and that is the 25th of each month. Copy should be in by the 20th.

SPECIAL NOTICE TO SUBSCRIBERS

Your Address

On the wrapper or cover indicates when your subscription expires. In order not to miss a number it should be renewed one month in advance. If, after your name appears the date "Apr. 7," it means that your subscription is paid to April, 1907, and unless renewed will be discontinued after that date.



If a large letter "X" is stamped in the panel at the left of this paragraph, it means that the time for which you paid your subscription has expired and, unless renewed before the next issue, will be discontinued; therefore, if you do not want to miss THE INDUSTRIOUS HEN, YOU SHOULD RENEW AT ONCE. Do not fail to send us either 50 cents to pay for your subscription for another year, or \$1.00 to pay for the paper for the next three years. Better send \$1.00 and have the best and most helpful and practical poultry journal found in the world coming to you regularly every month for the next three years.

SAMPLE COPIES

If you receive a sample copy of THE INDUSTRIOUS HEN you are invited to subscribe for it. You may never get another copy, and if you like it, fill out the enclosed order blank and mail it with 50c for one year, or \$1 and have it come to you for three years. Thousands are doing this now and you will never regret it. In sending your subscription if you have a friend who would like to see a sample copy, send us their name and address, but send your own subscription RIGHT NOW. Do not put it off because you are busy, but DO IT NOW. Address THE INDUSTRIOUS HEN Co., Knoxville, Tenn.

AGENTS WANTED

We want an agent at every poultry show in the country to solicit subscriptions for THE INDUSTRIOUS HEN. We have a liberal proposition to make and a hustler can make good money. We have solicitors who make as high as \$10.00 per day. Others make from \$3.00 to \$6.00. If you want to make some easy money, send for our proposition.

We receive hundreds of new subscriptions each week, and also lose many old ones. We do not like to strike an old name from our subscription books, and are offering many inducements, besides a first class poultry journal, to renewals. As much as we would like to retain every name on our list, it is impossible to do so unless the request comes in the nature of a subscription. We have many attractive clubbing offers and respectfully call your attention to them on another page. If you should find a big red X mark on this editorial page, look out. It means you, and unless we receive your renewal before another issue your name will be stricken off. Look up the clubbing offers elsewhere and get this journal another year free.

The January number of the *Inland Poultry Journal*, published at Indianapolis, Ind., is by far the handsomest thing of the kind ever published. Three beautiful, full page color plates besides numerous other full pages and scores of smaller ones. This is the second edition of the Wyandotte series, to be followed by ten other illustrations, two each month, confined to Standard descriptions—and every breeder of this beautiful bird should have this number—and all the others. After the Wyandottes the other breeds will likewise be taken up. Brother Hewes, to say the least, deserves the patronage and thanks of the poultry world for this advanced step in poultry literature. On account of the increase in the cost of white paper, the subscription price of *The Inland* has been increased from 50c to \$1.00 a year, and other journals will soon be doing the same thing. Now, that as many of our readers as possible may begin with the first number of this beautifully colored, illustrated edition of *The Inland*, we will send THE INDUSTRIOUS HEN one year free to all who send us \$1.00 for a year's subscription to *The Inland*. Do it now.

The January number of THE HEN is late in getting out on account of a walk-out of the Union printers in our office. The amount of matter and arrangement is not as we would have it—but along with our other troubles we had to sacrifice our pride. We thank our many friends from all over the United States for kind expressions of sympathy, and more especially for the good words and kind messages to THE HEN. There is recompense after all in trouble, and nothing so repays one for losses than the assurances of friends of their loyalty and appreciation. THE HEN starts the New Year with higher hopes, a larger circulation and advertising patronage, and that which is appreciated more than all—more friends—than our fondest hopes could have expected. With this issue we are introducing some new contributors to our pages that will make every number of the year more than worth a whole year's subscription, and we hope to make each number stronger and better. We invite contributions from our friends. Ask questions about your birds and offer suggestions and experiences for the benefit of the balance of mankind. Send poultry news—our readers are always glad to hear of any new breeds, or of the winnings or other successes of poultrymen. We again thank our patrons for their loyal support and wish each and everyone of them a happy and prosperous year.

COURSE IN POULTRY AND CULTURE.

The University of Tennessee offers a short course of two weeks, beginning at the end of March, designed especially for farmers. Last year this course was not taken advantage of. We hope it will not be neglected this year, especially by the farmers. It is as up-to-date and as practical as it can be made for such a short time. Don't neglect it. Tell your neighbors about it. If the people who raise poultry show that they demand instruction in poultry culture, the University of Tennessee and the State will supply this demand. It is rather an inconvenient time for poultrymen to attend, still all who can spare the time should make a special effort to do so. Remember its free, too.—T. L. B.

POULTRY SHOW CRITICISMS

WRITTEN EXPRESSLY FOR THE INDUSTRIOUS HEN.

POINTS ON JUDGING AT JAMESTOWN.

The White Rock class was a very strong one at Jamestown. The first and second pullets were marvels in make-up and finish. They were in perfect show condition and as neat as pins, with good, neat, low combs; the third pullet but a little behind. She was not quite so far advanced and would need a week or two to finish her. Taken as one, two, three, I have never judged better.

The cocks were a grand lot, but not quite in full feather; none with fully developed tails and necks. First was a very large bird, white and had good head points. The second was also large but not quite so well finished and shapely. The third, a splendid bird in many ways, but tail not full, and carried a trifle low.

The pens, eight in number, contained many good birds, but some of them were not so good in Plymouth Rock shape; too short in body, etc., with combs on males carried too high at the rear; breeders should strive to remedy this. The first and second pens were quite uniform in make-up and very white. The others, while very strong as Rocks go, were not so uniform and were noticeable in this strong class. I did not judge the hens and cockerels.

In Barred Rocks I found a large class with many very fine specimens, but, as is the rule in most large classes, there were many only average birds; birds not very well conditioned; not old enough to show to any advantage; cockerels with slate backs, and so on. When will good average breeders learn to keep that kind at home, from national shows, at least? It is not only an expensive experiment, but they are no credit to the exhibit. The first hen was good in shape, with a trifle too much tail and comb a little soft; in marking she was strongly barred to the skin, but not quite as clear-cut in the division of the dark and light as we have seen; the second a trifle darker in shade of surface color, and legs not so good in shape; much the same. Third hen smaller, not so clear in barring; shape not good in type; body too short. In cockerels, first, second, and third, went to one exhibitor and were quite similar in type and make-up. None of these were fully finished in tails and necks. The first was a clean, bright, attractive bird, full body and breast, with neat comb. Second not quite so good in comb nor color of wing. Third not quite so clearly defined in barring as one and two, but better in shape of back than number two.

We also judged the Single and Rose Comb Black Minorcas. The S. C. Black Minorcas contained some good birds, Hens were a fairly good class, but smaller in numbers, cocks were good. Pullets small class, birds young; cockerels good. Rose Combs were a splendid class, specially strong in color, pretty free from barring, so common. This was a larger class than the Single Combs.

We also judged the Rose Comb R. I. Red males, and found them a strong class. The first prize cockerel was a beauty, both in shape and color, winning the club specials for best colored male, also for the best shaped male. The writer also judged the Cornish Indian Game class and the Houdans. These were small classes and not strong in quality.

The Barred Rocks, White Rocks, White Wyandottes, S. C. Brown and S. C. White Leghorns were the great and extensive exhibit of this show and drew on the gray matter of the judges in awarding the prizes.—F. J. MARSHALL.

COLUMBIANS AT JAMESTOWN.

At this great show was brought together the grandest collection of Columbian Wyandottes ever seen in a show room. It was my privilege to pass on this class and I believe it would be of interest to Columbian breeders throughout the country to hear something regarding the quality of the birds in this show. Although the Columbian is our latest production, it was at this show one of the leading classes, showing how quickly the merits of this breed has brought it into favor with the fanciers. I noticed among the breeders showing Columbians, some of the oldest Light Brahma breeders of the country. It is well for the breed that the Light Brahma men are taking it up, for there is certainly nothing that would more quickly perfect them than to have men with years of experience with Light Brahmas at work on the plumage of this breed which is identical with the Brahma.

The young stock in this show is what I intend to deal

with in this article, as it is the improvement from year to year that will most interest you. There were about twenty-five cockerels and fifty pullets in this class. The cockerels averaged above the pullets in shape. The most noticeable defect in the pullet shape was the Plymouth Rock type which seemed to run through the entire lot with possibly a half dozen exceptions. While shape in all breeds should be of most importance, I think it hardly time to consider shape above color in the Columbian, for without the good black points in the Columbian you have less than nothing, even though you have produced an ideal bird in shape. The cockerel in the pen winning first was grand in shape, with a well spread tail with plenty of black; the wing and hackle being decidedly off color, especially in hackle, which was very light. With the bird were two really good shaped pullets with extra nice hackles but decidedly weak in wings. This bird having the Wyandotte shape and decidedly the best hackle in the show. In fact, a hackle that you would expect to see on a winning Light Brahma. The flight feathers in the wing of the pullet were nearly solid throughout, the black showing just the least faded. This bird will fade to a brown wing as a hen. The best colored bird in the entire show was undoubtedly the first prize cockerel. This bird being equally as good in hackle and tail as any other bird in the class and carrying a wing with solid black flights and a good staying back. He was not nearly so good in shape as some other birds, having too great a length to tail and carrying same about one degree too high. This bird also showed decidedly the richest coloring in legs. Taken all in all he would make a very desirable breeder. The hackles throughout in the females were good, while the reverse was the case in the males. The wing throughout the entire class was poor, with possibly half a dozen exceptions. A noticeable thing was the clean backs of the birds, very few showing any black or slate undercolor. Just so long as the Columbian is bred for a white undercolor in females, that long will you have wings with more white than black in the primaries. To get a good black wing it is absolutely necessary to have a slate undercolor. Lets have the black wings even though the standard considers slate in female a defect.

At this show was a hen having to her credit four or five blues in her pullet and year old form at some of the largest shows. The remarkable part of this is that she was not placed, showing plainly the great improvement that has been made in the breed in the last few years, for this hen certainly was not entitled to a place in the company she was shown with.—T. REID PARRISH.

THE MARIETTA, GEORGIA, SHOW.

The Cobb County Poultry Association held its first annual show at Marietta, Georgia, Dec. 3 to 6. The show was a success in every way. In the number of fowls and pigeons and the quality of same this show would have done credit to Atlanta, Nashville or Knoxville. The paid entry fees amounted to over \$500. All classes of fowls were represented, Buff Rock leading. It was the largest and best class of Buff Rocks we ever met in a show room. Brown Leghorns, Barred Rocks, White Rocks and Black Minorcas were also specially large classes and good in quality. And at this show we were pleased to find a good display of turkeys, geese and ducks. Bantams were also in great numbers and most of them way up in quality. But no one will wonder at the success of this show when it is known that Loring Brown is President and Jno. P. Cheney is Secretary of this Association. The birds were nicely cooped and well-cared for. The coops were made by Mr. B. G. Brumby and we liked them as well as any we have ever seen. E. E. Carter, of Knoxville, was in attendance with a full supply of advertising matter, working up exhibits for the great Knoxville show. Many Atlanta fanciers came out of evenings to look over the show. The Cobb County Poultry Association has near 100 live and energetic members, and from now on the fanciers of the South can depend upon finding at Marietta each season one of the very best conducted poultry shows of the South, and it will pay fanciers to show with them. At this their first show they gave over \$75 in cash specials on one variety alone, and we noticed fifteen beautiful cups that were to be given as specials, and there were perhaps were more. It surely enthruses an old fancier to

attend such a show as the Cobb County Association has just held. It looked good and will do the poultry business of all that section much good. Geo. Ewald, of Cincinnati, was present during the entire week and judged the pigeons. All classes were judged by comparison, the writer judging the poultry.—D. M. OWEN.

THE ST. LOUIS SHOW.

The St. Louis Poultry and Pet Stock Association held its first annual show in St. Louis, Nov. 25th to 30th. The show was held in the large hall corner of Pine and 11th St. The hall was well adapted for holding a poultry show. The cooping arrangement was good; the hall was kept well lighted and in good sanitary condition. Arrangements had been made for a large entry, but the Association was hardly prepared for the unprecedented large number of birds that came in on them at the last hour, and it was only by working day and night that they got things in shape. All classes were well filled with birds of A 1 quality. Buff Rocks, Rhode Island Reds, Brown Leghorns and Langshans were in great numbers and fine in quality, and we don't suppose a better lot of White Orpingtons were ever shown in the United States than were shown at this show. White Wyandottes led in number and were extra good in quality. Judge Heimlick, Stanfield and the writer were two full days judging the poultry, the judging was by comparison. M. S. Copeland, of Powell's Station, East Tenn., was the only exhibitor we noted that had the nerve to send an exhibit from Tennessee, he came out with 1st and 2d chl, and 1st, 2d and 3d pullet on Brown Leghorns, which was quite an honor against such strong competition as he met. The show was well patronized by the public, a good attendance day and night. While too much can not be said for every member of this Association or the energy they displayed, we cannot do justice without specially mentioning Mr. Max Guckel, the President. He was right there all the time, day and night, and looking after everything, and himself working, aiding in every department. With the large number of birds that came in on them unexpectedly at the last moment no one but a man like Guckel could have ever kept things straight and in shape. T. W. Orcutt, the Secretary, simply worked himself down. He had more than any two men ought to have had to attend to. Ross Hallock, Sec. of A. P. A., was present often and aided in many ways to make the show a success. With the start this Association has made and the experience gained this season we may expect the largest and best show of the country next season. One thing we can guarantee to exhibitors and those who attend, you will be treated square. The officers and members of the Association that we met we found as square a set of men as we ever saw.—D. M. OWEN.

MADISON SQUARE SHOW.

The great Madison Square Garden Show of 1907 is a thing of the past, except for the memory of the pleasant days spent there by exhibitors. The fanciers end of the poultry business is gaining ground, and men of affairs take their recreation and spend their leisure time among their poultry yards. Such men as Samuel Untermyer, the great corporation lawyer of New York, General E. A. McAlpin, head of the tobacco trust, Hon. E. A. Wimer, the iron king of Lebanon, Pa., and Robert Whitmer, the lumber magnate of Philadelphia, were all on hand admitting their beauties. Before going into the criticism of the birds, I want to say a word for the great show superintendent, and his well trained corps of attendants. Unlike the great P. T. Barnum's policy (the more you fool the people the closer they stick to you), Mr. Crawford's policy is to check at once anything that has the semblance of crookedness in it, before it happens—the contemplated trick is nipped in the bud, and things go along as smoothly as if every one was pleased; no unkind remarks made, as exhibitors understand that they are not invited or begged to exhibit at Madison Square Garden, but as long as they comply with the rules of the association they are welcome. Madison square Garden is probably the most independent poultry show in existence to-day, and do not rely upon specials to attract exhibitors. A poultryman who has the good fortune to own stock capable of winning at this show, his success is undoubtedly assured. The Barred Plymouth Rocks, as usual, were the largest class, and it was all that Judge H. P. Schwab could do to get through the class of single birds before dark set in on Tuesday, without taking up the pens, which he finished Wednesday morning. In that wonderfully large class I didn't hear a word of criticism against the placing of the awards.

The most wonderful thing in the show was a hen exhibited by Charles H. Welles. I have seen many Barred Rocks in my time, but this was simply a freak of nature.

Next in number were the White Wyandottes, which were judged by J. H. Drevenstadt. The first was a marvel in shape and whiteness and as good a bird as has been exhibited this year. The second and third were very close, the only difference I could see was that the second had a better comb, though I was surprised not to see Rock Hill Poultry Farms placed higher up in the awards. Owen Farms showed an exceptional cockerel that was an easy first. This was one of the years that prizes were divided, and no one farm can claim more firsts than his competitor.

White Rocks came next with Graystone Poultry Farms easy winners. (By the way, Graystone was formerly the residence of the late Samuel R. Tilden, but is now the residence of Samuel Untermyer, Esq., Yonkers, New York.) The only criticism that I heard was that the Forrestdale Poultry Farms cock bird might have been placed higher up. At first it was thought it had been placed first, but as it turned out that was a printers error, Mr. Thomas Ellicott Cale showed his true sportsmanlike blood, and said, "I don't think I deserved it; I am well satisfied to be placed at all in such hot company, considering this was my first show." From the class of birds exhibited on this farm, it looks as if Mr. Cale means to be a contending factor for first honors. The Buff Rocks were judged by Judge Denny, and he acquitted himself in his usual manner. The only criticism that I could make was in the pullets. Mr. Charles A. Matsinger showed a most beautiful bird in the pink of condition, a most even color throughout; as she looked to me she was in a class by herself. But there is this much to say, the judge had the opportunity to handle the bird and I did not. The first cock is a marvel in shape and color and I don't think ever met defeat, and has been shown by Wm. G. Fox, of Torresdale, North south, east and west at the leading poultry shows the Partridge Plymouth Rocks are taking quite a jump in the eyes of the fancier and it was by far the largest class ever shown in this variety. Hillcrest Farms had an easy time except in cocks, which was won by Charles H. Kahle's old war horse, which has never been beaten. The Silver Penciled Rocks was a battle between Rock Hill Poultry Farms and Hillcrest Farms, with Exmore Farms 3d and W. R. Bowers 4th.

The Silver Laced Wyandottes and the Golden were next in size and most of the prizes went to Brundage Farms.

There were some very handsome Black Wyandottes shown, but as usual in this class, most of the winners were shown by Frank C. Sites. Buff Wyandottes were very weak in number except in pullets and cockerels, 1st pullet going to C. P. DeWitt and 1st cockerel, a very even colored bird, to Albert S. Bents.

Partridge Wyandottes were a good quality lot, but not as many as in former years. The hen showed by Horace Havermeyer was the best one I have seen this year. The Silver Penciled Wyandottes were fair. E. G. Wycoff captured the majority of the ribbons.

Columbian Wyandottes, as usual, were strong. Sunnybrook Farms showed some very good birds and were in every class except pullets.

The Rhode Island Reds seemed to attract a great deal of attention, and as usual, Lester Tomkins was in the lead with Single and Rose Combs.

Buff Orpingtons were unusually strong, which was a battle royal between Owen Farms and Wm. Cook & Co., the former winning the most places in the awards.

Black Orpingtons are very popular and the classes and quality shown was of the best, and the awards well divided.

The Leghorns, as usual, were very strong and numerous, especially the Browns.—W. H. FOTTERALL.

UNPREPARED BIRDS AT SHOWS.

We have attended a large number of shows this season. At every one, without exception, we notice one point in which they were each one bad. It was in the general lack of preparation and training for the show which was in evidence on all sides. It is a great mistake, poor business, not fair to good birds, bad for the owner and at the shows at Jamestown I saw a number of better birds beaten, because they were not properly groomed and trained. At Nashville, western birds won because better prepared and conditioned. It shows a laxness and slipshodness of method which I had hoped we had long ago gotten over. It takes intelligent care, time and brain work to get a bird in show shape, and we must reform in regard to this. It does great harm to the otherwise fine shows we are now having. Let's reform now.—T. L. BAYNE.

FEEDING FOR WINTER EGGS

WRITTEN FOR THE INDUSTRIOUS HEN BY J. O. LEWIS.

As promised in the November issue of the HEN, I will endeavor now to give you a short treatise on feeding for eggs in winter. In the first instance, I wish to say, that I do not deal in generalities, do not abstract theories or ideas from other writers or authorities, nor offer theories of my own, without making due allowance; but on the contrary, base my advice to you upon cold, hard facts, based upon practical experience, gained during the past seven or more years, and leave you to make your own deductions as to the adaption of same to your own needs, and if you have had no experience, it is offered as friendly advice, with a sincere desire to have you succeed, for the problem is a perplexing one indeed.

In order to have a beginning, and to emphasize fully the points to be developed, let us go back to nature; something we have all seen and know at least a little of, if we are to judge by actions and results. The point is, "living as the hen finds it on the farm," where she is most always compelled to "scratch for a living," where her range is ample and her environments are best. Let us consider for a moment the egg situation as it is at this time, now the middle of November. You town folks, you city-lot folks, and folks in general who have their fowls penned or yarded in small quarters, without access to even a good limited range and the conventional barn—are you getting any eggs? No! Why not? There are eggs for sale in the market places, fresh from the country, high in price 'tis true, but eggs nevertheless. They come from the farms principally. Some cold storage stock, but not much cold storage stock reaches the small towns, it goes principally to the large cities, so the eggs you are getting now are coming largely from your surrounding farms. Not many, for the price is high, otherwise, the price would be lower. Then you ask the question: Why has the farmer eggs for sale and not I? You say you are not getting any eggs, and yet you likely hold that you have fed them well; or if you are getting any, it is only two or three a day out of a flock of from 50 to 100 maybe, and from a flock of thoroughbred fowls, uniform in color and beautiful to look at, both pullets and hens.

Lets go back a little, and see why the farmers' hens lay, and how it is that he can bring eggs to town for sale at this season of the year.

In the early fall or the closing of summer, the farmer is not feeding much grain to his stock, nothing around the barn for the hen to find, and as grazing is good, she roams the fields and lives on grass, bugs and worms, which nature supplies in abundance. But she has to forage, chase the bugs and grasshoppers, which makes her exercise very sharply, and she becomes strong, thinned down and toughened. Then a few weeks pass, the crop is harvested, wheat is thrashed, corn is gathered, the grain bins and barns are filled, and Mrs. Hen gets her feed without having to hunt for it. She at once becomes inactive, goes to taking on flesh, and being in good health, she starts to moult, well fortified against the trying period, and all she eats, or that is the greater portion, goes to make feathers and she generally goes thru in good shape, much easier anyway than her town lot sister. The previous condition of her health has paved the way to early laying; and plenty of good feed at hand, nice warm and sunny corners around the barn and good warm hay stacks and lofts full of straw and hay, she finds her natural environment, and her happy cackle tells the story. Not all of them lay, and because I have been a little enthusiastic, I do not mean to say they all lay and just can't help it; but I mean a portion, and a much greater one, than the majority of town lot poultry. There is lots of room for improvement; a flock of thoroughbred bred-to-lay hens would have done much better under the same circumstances, and if the farmer had to feed as we feed, he would do no better practically than we, only in the advantage of having the range, for the proportion of eggs to the cost of feed would make the business unprofitable, but as the farmer does not count the cost of feed, for it would otherwise be wasted, hence it is counted as clear profit to him, but unfortunately, this farm hen will not keep it up as she should, and during the winter she lays but comparatively few eggs—she's not bred to lay, and besides there is an element lacking that is not supplied her, and she falls off in her yield.

On leaving the fields, she leaves the bugs and worms; cold weather kills them out, and she is deprived of her natural

egg making food, and no substitute is given her. What she got in the early fall had started the development in the egg duct, and the increased feed and rest she got kept development going, and she soon commenced to lay and kept it up until nature became exhausted, and she stopped and thereafter laid but few eggs until spring opened up, which brings back the natural elements.

Now for comparison: Your hen, the city lot hen, has been deprived of good range, she has been running on the same old lot for a year or years as the case may be, badly contaminated, filthy and unsanitary, with but little if any good grazing and her vitality is low. She is not the strong, active and healthy hen of the range, and when her moulting time comes, it proves a very hard task indeed. We feed plenty of good grain and mash and beef scrap and help her all we can, but still the ordeal is severe, much more so than to the active farm range hen, and she droops around and her molt is slow and uncertain—cold weather comes on and she is improperly clothed, and consequently she catches cold, and her system is further weakened, so that when she does get over the molt, the time having been a long one and consequently no egg development going on, she naturally will not lay. But you feed and feed, and encourage her and give her all the attention she needs, she begins to improve, comb begins to brighten up and she looks as if she might lay soon; but she doesn't and you feel worried. The process of egg development is slow, her constitution is not as strong as it should be, not near as strong as the farm range hen, and by the time she does get ready spring has arrived, and your winter has been a costly one, no eggs to pay for the winter care and feed. Spring comes with warmer days, nature releases her demands for heat supplies and the food then goes to assist in making eggs and your hen lays; your experience has been costly and you are disheartened, but—cheer up! there's a way. Start right and you will end right. Let's take a jump ahead now, as you have failed to start right for this winter, 'tho much good can be done by following instructions which are to follow, and start right for next season. Keep your runs clean; if not well sodded, break them up and let the fowls have plenty of fresh, clean earth to roam over, a chance to scratch and dig for worms, and get the exercise. From hatching time, in early spring, your fowls should have access to plenty of grass or green food, even tho it has to be supplied artificially; that is, cut it and feed by hand, and during the summer and fall your ground should be plowed over at least three or four times. Now from the 1st to the 15th of August commence feeding lightly, only once a day and that in the evening, providing fresh plowed earth to scratch in and feeding plenty of green stuff or allowing range on good grass plots and keep this up until the last of August. Then commence feeding twice a day, morning and night, but lightly at first and gradually increase until you get up to two good feeds, all they will eat at a meal, grain in the morning and mash at night and you will certainly be astonished at the rapidity of the molt. Give them the scraps from the table at the noon hour, and give meat scrap two or three times a week (I buy fresh beef hearts from the local butcher) and boil well done and properly season and chop fine and feed it at noon, and give them all you can, as cooked meat will not hurt them, but raw scrap will. Of the cooked meat I feed some every day, of the scrap two or three times a week, or a very little every day, and molting will be made very much easier and quicker and when cold weather sets in, you will find your hens well clothed and the changes are not so apt to hurt them, tho you must be careful, for no matter what precautions you take, some of them will contract colds, and if allowed to run on, will very likely develop roup, and then you will certainly have trouble, for it is very hard to cure, and no disease spreads more rapidly, or is more debilitating than roup; and you must be careful not to let it spread, using some good roup cure in the drinking water and keep the vessels clean and use plenty of lime around your premises. Next comes the proper housing. Have a dry and well ventilated house, free from draughts and keep perfectly clean, not over crowded, fresh clean straw in nests and a good dust bath, and if your hens are bred-to-lay, you should begin to get eggs about the middle of November to the first of December, and with proper attention, all the winter. Old hens molt late, young ones early, hence young hens should

begin laying at first. Some hens won't lay at all, and you should watch for the drones and get rid of them. I believe with a little very close observation one can learn to tell the unprolific one, and take a chance now and then to verify your opinion and examine the egg duct after you have killed her and see just how far you have missed your calculations. I can most always invariably tell the non-layers, and kill them off. Another little point: I always begin using a little copperas (sulphate of iron) when molting time begins. I put a piece about the size of a navy bean in the drinking water, to a gallon, and give every day for a couple of months or more. It tones the system, thickens the blood and is a splendid general tonic and will give good results. You may think your pullets ought to be laying, they are old enough and get plenty of feed. But are they properly developed? They may look good size, but from improper feeding, cramped quarters and many other little things unnoticeable during chickhood has retarded development in certain directions and they apparently develop without making early layers. For your pullets to lay early, they must be hatched early, fed properly, fed plenty of meat food, never allowed to crowd and given plenty of exercise and keep it up until grown. Raising poultry for profit entails a system—a system that begins with the little chicks and kept up until the next hatching season, and so on, until you have a well bred and line-bred flock, full of vigor and bred always and only from your best layers. Good winter layers mean very strong fertility in eggs, provided of course, that you have a good, strong, hardy male and not too many hens, not over ten or a dozen in confinement, or twelve to fifteen on the range. In feeding, feed at regular intervals, feed plenty; not too much, not too little; feed by measure and then you can determine how much it takes to satisfy. Grain in the morning and mash at night; feed night meal as late as consistent, just before dark, so that when finished they will go immediately to roost, and then go in and examine their crops—that way you will be able to tell if they have had enough. Feed grain in the morning, scattered in the litter or broadcast over the lot, so they will get exercise—a most important thing, since exercise creates circulation, circulation supplies the different organs with good pure tissue building blood, creates warmth and makes them active and healthy and stimulates the egg duct. Feed mash at night, because they can get neither exercise nor water, and as mash is moist,

no water is required and digestion is easier, and they come off the roost in the early morning, very hungry and ready for a good meal of grain. In feeding grains, feed good, whole, well developed kernels, no economy in screenings. There is nothing but hull in a dwarfed grain, it makes a good filler, but supplies but little, and if you feed it and think you feed enough, yet get no results, it is because the hen is not getting enough also—plenty in quantity but deficient in quality.

In conclusion, I will here append my two formulas for feeding grain and mash. Buy the best of grain, because it is cheapest. For winter feed: 20 lbs. cracked corn, 20 lbs. whole corn, 40 lbs. wheat and 20 lbs. oats; and in summer I cut out the whole corn and add the 20 lbs. in wheat. When I can get Kaffir corn, sorghum seed and peas, I add them to the grain in about the proportion of 10 lbs. to the hundred, and of sun-flower seed about 5 lbs per 100 cwt. Mash: 40 lbs. corn meal, 20 lbs. wheat middlings, 20 lbs. wheat bran, 10 lbs. alfalfa or clover meal, 5 lbs. of either linseed or cotton seed meal and 5 lbs. beef scrap (if fine) or beef meal—add salt to taste, make crumbly moist and feed in troughs or on clean boards. Feed your beef scrap or fresh ground bone at noon about three times a week. The above formulas I fed to Plymouth Rocks for years and with good results, and is the formula I am now feeding to my Black Minorcas, with equally good results. I believe all fowls should have a mash food once a day, but if your method, no matter what it is, gives you good and satisfactory results, stick to your way; results are what count. Charcoal, grit and oyster shell is kept in home-made, self-feeding boxes, nailed along the walls inside the poultry house where the fowls can help themselves; occasionally I scatter some grit and shell over the yard, for it is important that they get some of each when needed. I should like to continue my treatise in the next issue, and talk to you on the subject of hatching and rearing little chicks, for the time will then be here when we all are interested in this subject, and as I have always been very successful in raising a large per cent of those hatched, perhaps I could offer some suggestions that might be of benefit to some struggling brother or sister, and get them started right.

[These articles by Mr. Lewis will be found highly beneficial to our readers, and as he has kindly consented to continue them we promise him a careful reading.—Ed.]

PREPARING BIRDS FOR EXHIBITION

WRITTEN FOR THE INDUSTRIOUS HEN BY W. W. KULP.

I am a great believer in raising birds right. Have them growing as nature intended from the nest up. You will then have birds that can go from the grass to the show room and have a bloom like grapes that have never been touched. You will say as wild too—well we will talk about that later. It never does any breed good to have as a first prize winner a little undersized bird.

Some years ago at a show a Barred Rock pullet was given first that weighed about three and one-fourth pounds, while some beautiful six and one-half pound pullets were in competition and almost as good in feather. If they had been judged as they should have been, weight or size considered, they could not have won, as lack of weight would have taken five points from the score. Things like this cause people to say that fanciers breed for feathers only. The funny part of the incident was that the owner of the small winning Rock was beaten in the White Rock cockerel class by a cockerel smaller than his and he raised a howl on size of the bird. We sure do some foolish things at times.

I would plan and mate to have size if possible along with the fine feathers. I am a believer in giving fine feathers the call for they are many times harder to breed than size with fair shape, but I do not like to see runts win.

It is surely true that a wild bird is at a disadvantage in the show. My plan to tame them is to handle them first on the range where all my birds are raised. I catch them as I feed; handle them a little and drop them. I have a number of fence corners and angles where I feed so I can pick up birds in the day time without much trouble. A few days before the show I will put them in a coop to accustom them to it. Showing is a great help to establishing a business, but it is a great and a good way to get roup in your flock, too. I overcome this by feeding a good poultry powder containing iron in some form. This has saved me many birds. I always try to feed it to birds coming on the place or birds that are

moved, for they are like persons, liable to colds from changed quarters.

GETTING THE COMBS RIGHT.

At times old hens of the single comb variety have the comb shrunken from the molt. This can be remedied by good rich feed gradually in the runs or wherever the birds are, or if you are caught with such a bird and it is three days to shipping time take the bird in a warm room and feed well; in forty-eight hours you will have a comb. If you have pullets that you wish to show and you see they are going to lay before you ship, I would coop them and feed light for a few days until you see that the eggs are backened. Egg laying takes the bloom off. Spoils the trim and shape too. If you have rose combs the trouble is rather too large combs than too small. In this case you must try to hold back the combs by light feeds.

The ripe time for cockerels is when the tail feathers are just about full length. For pullets it is just when the egg is about forming, or when she is fully feathered too. Strive for full perfect health along with the standard qualities.

I do not wash colored breeds, as Brown Leghorns, Rocks and the like, but at times I have done it as they were dirty. It depends where they have been running. Better have them on a clean grass run and not wash. White birds had better be washed, altho for some shows you can let them go unwashed if almost clean. I won with a Rose comb white cockerel in a good class with an unwashed one, but he was good, and white as snow, I risked it and won too.

Look well to the feet and legs when you are selecting, for some will have stubs and some judges will look for them with a glass almost. Some shows instruct judges to look for disqualification to save paying premiums. This I think a mistake to say the least. There is trouble and expense putting birds in a show and exhibitors should have a little something. No show can do without birds, and breeders need shows, so let each do their part.

THE POULTRY BUSINESS.

WRITTEN FOR THE INDUSTRIOUS HEN BY W. W. KULP.

Winter is a time of planning. The man who plans has many more chances to getting to success. Sometimes he lands at the other end, due to unseen rocks. I am so often asked for advice, and always wish I could help, but it is a hard matter, as the person is an unknown quantity to me. Almost all men, and some women, long for a little business of their own and a home etc. Have the home and a wife and children if possible. Any man who will leave bad habits alone can make a home, provided he has a wife who will help, and I believe a man and woman will live the best life if they plan for a small farm and raise as much of their living as possible and some lines to sell—the product of a few cows, to help keep the land up as well as to produce a salable product, a horse or two as the needs are—and a pure breed of poultry. Then by a little care of expenses you feel your way and you will gradually get into a business. It may be that you will be near a growing market and you will see a demand for vegetables, fruits and poultry. You will find it will pay well to retail all your goods. When I started I was two miles from Pottstown, an iron manufacturing town. I began raising poultry for market until I built up breeding yards and have a little hold on the buying public. In 1884 the poultry business was but a baby to what it is now, and I had no shows or breeders near me to learn from.

I sold the products of a seventeen acre lot farmed by my father, butter, eggs, poultry, and fruit, and did very well for ten years. In 1892 I began showing and took over my father's interest in the poultry. I had been doing all the work for one third of the proceeds. I saw by careful measuring that we sold \$200 worth of poultry and eggs for every \$100 worth of feed. This I considered very good, year in and year out, and I thought by keeping standard bred poultry I could do much better, for I saw my father sell all the Barred Rock pullets he raised one year for one third more than market price to a dealer. That was the death knell to all part-bred birds for me, and after twenty-three years work I have seen my plans work out well. There are more expenses but the same number of birds will bring so many more dollars. The work of raising is about the same, but the work attending the yards is more—but that is well offset by the sale of eggs for hatching. I could not have begun to have done one-half as well, or one-quarter as well by keeping to a market business.

I showed and then advertised but did not launch into expenses that would swamp me. I made the poultry pay every dollar I ever put in all my plant. I let it grow from thirty-three Rocks the first season to two hundred for the second winter's work. The second winter I was selling eggs when sleighs were running. One day I was going up the street and I exhibited a basket of fresh farm eggs to a baker whom I used to sell to and joke with. I wanted to show him I could do it. I had them sold and thought he would be glad, but instead he got mad because he could not have them. Why can't we put aside selfish things and rejoice when someone makes an honest success? After that I covered my goods when I saw one who might want them and I had but few.

This same spirit shows itself in the shows. I know we all like to win, but when we haven't the best, let us try to be happy if we can, be glad and try harder. When I won four straight firsts under four different judges including Madison Square Garden, the last of the four was Washington, D. C., I was not known by an old breeder who stood in the aisle tearing my cock to shreds. When he had said all he could think of about the bird he began to say I bought the Madison Square garden judge. Then I spoke up and said "Say what you like about the bird, but let me alone, for no man living can say I ever asked a favor for my birds." Evil minds think evil thoughts, but I also know good minds must at times, for we can't help but know judges are approached sometimes.

These things show what may come in breeding for standard bred birds, and winning will give you trade. My business doubled after a win at Philadelphia in 1892, and doubled again for several years as I steadily won. While I was building up the business I became interested in bees and built up an apiary of thirteen colonies in two years. We had an ideal summer for honey and I sold \$160 worth of honey, besides what we ate. I continued to keep them until I had seventy-five colonies. When the poultry business had grown one had to be dropped so I let the bees die down to two hives. You see by this how you will gradually find what you like best, or what you can do best, or else what will pay best. We mostly like best what will pay best. What ever line you select feed it and make yourself wait for second table and soon it will feed you well and plentifully.

WHY I BREED RHODE ISLAND REDS

WRITTEN FOR THE INDUSTRIOUS HEN BY N. W. WHITE.

I should answer, because they are medium sized, general-purpose fowl of handsome appearance and good layers. It should be perfectly clear to anyone who has given even ordinary consideration to the matter that unless a breed has economic qualities, no amount of beautiful plumage or partisan booming will enable it to attain lasting popularity. Neither will simple so-called utility qualities put a mongrel looking fowl in the first rank of the breeds. I am always glad of an opportunity to say something about the Rhode Island Red, as there is some difference in regard to the originality of this breed. I will give you as near a correct account of the starting of this breed as I have been able to obtain. According to Mr. Sheppard, of Swansea, Mass., formerly secretary of the Southern Massachusetts Poultry Association, the name was first given to these fowls when a Mr. Jenny, of Tiverton, R. I., exhibited a pair or two at a poultry exhibition held at Fall River, and asked under what name they should be entered. As they were red and from Rhode Island, they were entered as Rhode Island Reds. Mr. H. G. Dennis states that he personally knows of Red Java fowls being landed by whale ships at New Bedford forty seven years ago. They were brought from the islands of the Pacific and the Indian oceans and were crossed with the Red Malay Games of Little Compton, R. I. I am not a writer, nor can I find words to express the beauties of these red fowls—they are regular pets. As to profitableness of keeping, I want to say that they beat anything in the line of poultry I ever have handled. They do not require the attention of some of the other breeds, as they are hardy and strong and stand an unusual amount of rough usage, but readily respond to good care and treatment,

and pay well for their trouble. I could tell you all about these red beauties but would be telling something that someone else has already told. I could tell how many eggs they have laid her pen, but that would be what others have also said of these red beauties. If you want to take good care of your poultry and keep your houses and runs clean, using a reasonable amount of care and economy in feeding, and want to get results paying you for this labor, the Rhode Island Reds will fill the bill. If you want to have your palate tickled with fine, juicy meat, or enjoy a good, tender chicken pie, just try the R. I. Red. I am no crank—condemning every other breed, but I am satisfied that if you will give the Rhode Island Red a fair show, chances equal and conditions the same, you will be satisfied that these red hens have come to stay.

WHITEWASH THAT WILL STICK.

A. G. Gilbert, poultry manager of the central experiment station at Ottawa, says:

A durable and lasting whitewash may be made as follows: Put into a watertight, clean barrel half a bushel of unslaked lime. Shake the lime by pouring sufficient hot water into the barrel to cover the lime to a depth of five inches. Stir briskly until slaked. Add two pounds of sulphate of zinc and two pounds of salt dissolved in hot water. These ingredients will prevent the wash from cracking or peeling off. It is better to apply the whitewash while hot. If to be used for inside of poultry house, colony houses or coops, add half an ounce of carbolic acid.

To color the whitewash, add yellow ochre, venetian red or any other desired color.

SILVER SPANGLED HAMBURGS.

Written for The Industrious Hen.

Back in the seventies, my home was with Arabs of the street, in a large city, alone in the world. My only friends were a few mongrel chickens in a house where poverty was our chief guest, but I managed to stay by them, and when my love had outgrown common chickens, and my purse was enlarged, I bought a setting of Silver Spangled Hamburg eggs, and ever since have lived with them, bred them and kept them, and feel that they are one of my chief pleasures in life, and a young man that yearns for past time that will make him a child of nature, and pay for his labor, the Silver Spangled Hamburg stands alone as an experiment worth his while.

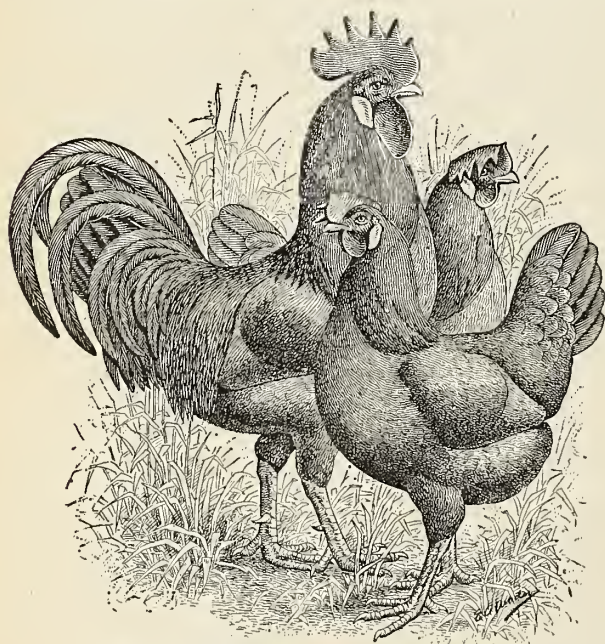
The beginner should buy either eggs or stock from reliable breeders, as many years elapse before he can build up a strain of his own from the average Hamburg. Start small; feel your way, and when you have the knowledge and ability to breed them in large lots, either by setting hens, or incubators, then you can breed any variety of chicken, as the lesson is about the same on any class.

A coop made from piano boxes, or if lumber is handy, 6 feet by 10 will keep ten Hamburgs in good shape. When the little balls of white down appear with a Malteze Cross on the back, do not feed anything for 36 hours, after that rolled crackers and hard boiled eggs five times a day for three days, three times a day for four days and then any prepared chicken feed with a run of grass until six weeks old (avoid wet grass), will bring them to a start where they will grow right along. When six months old, are matured, cockerels are ready to serve, and pullets will lay. Our Hamburgs average 175 eggs a year by the trap system.

In our city yards we use sand, or coarse gravel and change it twice a season. We have recently cemented our coops and covered with six inches of chaff. The Hamburg can fly, and are not alone very quick, but very handsome; as a broiler at two months, they are second to no bird and have an elegant flavor.

Tobacco stems are a great destroyer of vermin, place these in nest and will keep setting hen quiet. Always dust hen when placing her on the nest and when she comes off.

Silver Spangled Hamburg is the most beautiful fowl known to the fancy. To the city man chickens are largely a past time and a great source of recreation, and a trial on Hamburgs will convince you that your time has not been spent in vain, from one who has passed thirty years breeding them.—JOHN BREITWEISER.



MRS. CAMPBELL'S BUFF LEGHORNS.

Few people raise handsomer Buff Leghorns than Mrs. C. B. Campbell, Asheville, N. C. They are not only beauties but prize winners, and she deserves the success she is having with them.

POULTRY MANAGEMENT.

Written for The Industrious Hen.

Many persons all over the United States are breeding poultry for fancy prices, but only a few comparatively make the marketing of poultry and eggs a specialty. There is no question but that the raising of fowls for market is a paying investment when a person is favorably situated near a good market and when surroundings are favorable and all that is desired. There are not many places in this country where profit can not be realized from the sale of poultry and eggs.

Never, since the era of poultry culture among the breeds, has the prospects been better for prices, everything is flattering for the poultryman. Hundreds of people are making a good living and hundreds more could do the same thing, as the business is not overdone. There is more demand for eggs and poultry than our country can supply. There is no danger of the business being overdone at least for a number of years. Poultry business, like other business, needs attention and good management to make it more profitable. Much skill and common sense can be used in the breeding, rearing, care and management of poultry, the same as industrial business, but a number of essential points must be kept in view.

First, attention to business; second, good management; third, keeping good stock and taking advantage of the markets to dispose of fowls and eggs. Close attention to details, such as selecting the best layers at all times, keeping the fowls healthy, etc.,—will greatly increase the profits in the business. One of the draw-backs to the successful poultry business has been the lack of practical knowledge to manage the business. Many people go into the business, figuratively speaking, without giving the matter any special study; going it blind. There is no need of this. The country is full of good journals and books on the subject of poultry raising. Some people imagine they know all that is worth knowing about raising poultry and do not even taken a poultry journal. These are the ones that generally make a failure at the business and keep others from starting in the business.—O. H. GREER.

A TWO WEEKS' COURSE IN POULTRY SCIENCE.

Course V. of the Winter Short Courses in Agriculture at the University of Tennessee will be given at the Agricultural College February 27 to March 11, inclusive. This course like the others, is free to all and includes the following phases of poultry instruction:

Study of Various Breeds of Poultry; Score Card Judging of Poultry; Handling of a Poultry Plant, including operation of trap nests, incubators, brooders, etc., caponizing and feeding of poultry and treatment of diseases.

Mr. James Tyler who has charge of this class is known to poultrymen as an expert and he doubtless will, as heretofore, make a success of his work. Following is a detailed daily program of the course:

	11-12 A.M.	AFTERNOON
Wed. Feb. 27	Introduction	Origin & History of Fowls. Nomenclature.
Th. .. Feb. 28	Poultry Houses Fixtures	Lecture on Breeds. Scoring Rocks.
Fri. .. Feb. 29	Location, Surround- ings	Scoring Wyandottes.
Sat. .. Mar. 1	Incubators	Scoring Leghorns.
Mon. .. Mar. 3	Brooders	Scoring R. I. Reds.
Tu. .. Mar. 4	Incubator and Brood- er Houses	Scoring English.
Wed. Mar. 5	Rations and Suitable Feeds	Scoring Asiatics.
Th. Mar. 6	Feed and Care of Chicks	Comparison Judging. Scoring of Market Fowl.
Fri. Mar. 7	Fattening Rations Methods of Feeding ..	Killing and Dressing.
Sat. .. Mar. 8	Turkeys, Ducks, Geese	Running of an Incubator. Egg Testing.
Mon. Mar. 10	Fitting Birds for Show	Study of Grain and Grain Feeds on Market.
Tu. Mar. 11	Poultry Books, Bulle- tins & Magazines	Excursion to Farm. Excursion to Poultry Plants.

The pecan crop of Texas is said to be worth approximately this year one million dollars. The pecan is a native of this section, and the wild crop is still immensely profitable, but pecan groves are being planted extensively. The trees are set forty feet apart, or forty-seven to the acre. The land can be cultivated for the first seven years, after which the trees yield a crop. Rapid as has been the development of this industry, the demand far exceeds the supply. The pecan is one of the most healthful of nuts, and keeps indefinitely.

THE LAY OF THE HEN

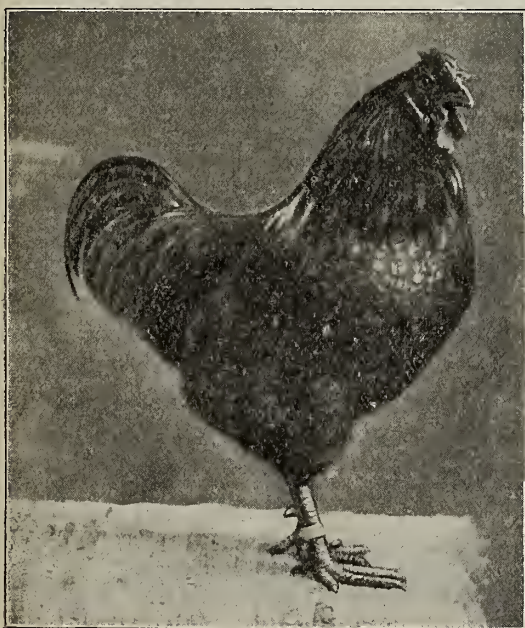
"How many eggs is a hen wound up to lay during the term of her natural life, do you suppose?" said the man who has investigated. "No idea, eh? Well, sir, a good, healthy hen—not speaking of any particular star breed, but just hen—a good, healthy hen does not fulfill her destiny until she has turned out 600 eggs—fifty dozen. That's what Nature has fitted a hen to do in the way of eggs, and she gives her eight years to do it in.

"The first year of her egg-producing life a hen lays only twenty eggs, but in the three succeeding years she rolls up the score of 370. This leaves only 230 that she must give that many cackles for in the remaining years that she must stand on duty in that line, and she divides the task among those four years so that in the eighth year she lays only twenty eggs again—the number she started in with. Then she has ended her career as an egg producer, and too often, if she is in the hands of a thrifty owner, begins another career, short and delusive—this time as the summer-boarder spring chicken.

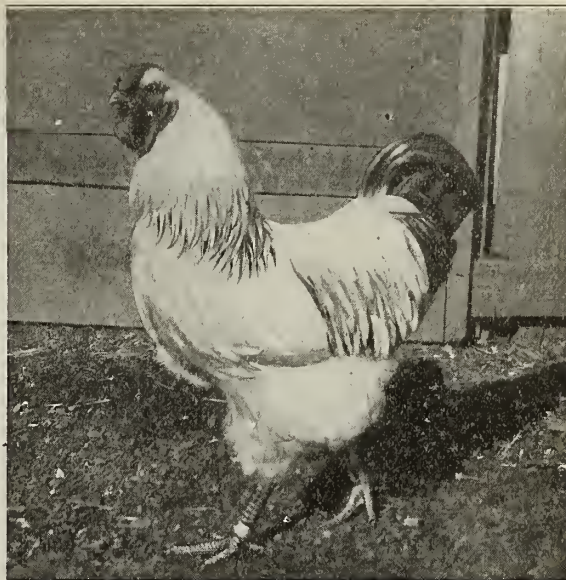
"And speaking of eggs, there is a lot about them, familiar as they are to everybody, that people don't suspect. Now, here's an egg that would be a rooster if it was hatched. Wrinkled eggs hold roosters in embryo. A protoplasmic hen lurks in the egg with a smooth-end shell.

"There is water a-plenty in an egg, but no more air than there is in a hammer. So long as you can keep air out of your egg it will remain sweet and fresh, but no one has ever succeeded in keeping it out by fair means more than six days. The insidious oxygen is bound to find its way through an egg-shell's pores, and the only way to save that egg then is to eat it. It sounds funny, but the instant you give an egg fresh air that instant you ruin its health."—*Browning's Magazine*.

One of the things we never could understand is why the newspapers and magazines publish such inaccurate and misleading articles as the above when interesting and correct data is so easy to obtain. Twenty eggs the first year of a hen's life, when pullets start to lay from 4-12 to 6 months old is absurd. Here's another: "Wrinkled eggs hold roosters in embryo." The general experience is that "wrinkled eggs" hold nothing; they don't hatch, while smooth-end eggs hold as many males as females. Again, about fresh air ruining an egg in 6 days. Recent experiments have shown that with plenty of fresh air they can be kept nicely in a cellar in winter for three or four months.



First Prize Partridge Wyandotte Cockerel at Jamestown Exposition. Bred, owned and exhibited by the Partridge Wyandotte Park. J. D. Payne, Proprietor, Burlington, N. C.



First Prize Cockerel, Tennessee State Fair, Sept. 1907. Columbian Wyandotte, bred and owned by Jas. M. Butler, Murfreesboro, Tenn.

EGG-EATING HENS

A subscriber having a pen of hens which eat all their eggs wants a remedy. Usually in cases of this kind if the nest boxes are all turned so that openings will all be in the dark, or closely secluded, the habit will cease. If it should not, a further remedy can be provided, which I have never known to fail: Take a piece of burlap the size of the nest box, tack it across the inside of the box about four inches from the bottom. In other words, make a false bottom of it. In the center of this, make two gashes about three inches long crossing each other. She goes on nest and lays the egg which rolls to the center and drops through to the bottom of the box on some soft nesting material. The hen goes off cackling and attracts the attention of the rest of the flock which comes on the run ready to attack the egg and devour it, but to their great surprise, no egg is to be seen. After a thorough investigation, they give it up and go away in disgust. A few turns of this kind of disappointment and they will fail to respond to the lay of the other hens. The hole in the burlap will be large enough to run the hand through in gathering the eggs.

UNDRAWN FOWL THE BETTER

Dr. Charles Harrington, of the State Board of Health, has filed with the legislature a report on the relative merits of drawn and undrawn poultry. The report is in compliance with a resolve passed by the legislature last year in which the board was directed to make the investigation and determine what unwholesome change, if any, takes place in the flesh of poultry shipped or stored without the removal of the head, crop and other entrails, as compared with the flesh of poultry from which these have been removed, and thus settle the question which has been brought up annually for many years past by the advocates of one or the other method.

For the purpose of their investigation the board raised a quantity of poultry and after keeping it for a reasonable length of time killed it, drawing one portion and leaving the remaining portion undrawn, and proceeded with their experiments. The report shows that when poultry is kept in ordinary temperature the undrawn is preferable.—*Boston Journal*.

HATCH EARLY.

The great natural advantage we have from Virginia down to Louisiana and Texas, is in the opportunity we have to get our new crop of fowls out early. The early bird gets the right start and has the advantage of the best season for growth and development. Start to hatch now, its not too early. It is not only best for producing fine fowls, but it will also bring them to the broiler age at the time when prices are highest. We have the climate and proper conditions for early hatches, let's take advantage of them. Begin now, we should be able to have all our hatching done by the 15th of May at the latest. June birds do not do as well with us as they do further North.



TURKEY DEPARTMENT

CONDUCTED BY MRS. J. C. SHOFNER, MULBERRY, TENN., TO WHOM INQUIRIES SHOULD BE MADE. ALL QUESTIONS WILL BE ANSWERED IN THIS DEPARTMENT THROUGH THE INDUSTRIOUS HEN.

Which Shall I Buy, Eggs or Stock?

This is a question asked me by mail inquirers quite frequently, and many times I am perplexed to know just what to answer—as I do not know just their surroundings. We are all creatures of circumstances, and the circumstances that surround should govern us. My idea is this, if one has a certain amount of money to invest, if it isn't enough to purchase a No. 1 trio or pen of turkeys, then invest in eggs from the very best stock we can find. Raise others well and raise from them the next season, advertise what we have in the fall in some good poultry journal that has a wide circulation and even as a beginner we get the result. The egg purchase puts us behind one year, for with a trio or pen costing you from \$5.00 to \$10.00 for each fowl, we get a nice flock the first year if we are successful in raising them. Each hen ought to lay 15 eggs or more the first litter, and at least a dozen the second time, and even the third litter, if cared for we can raise nice small turkeys for the market and family use. These are statements I make and I leave the rest to the purchaser—to be a judge of his own surroundings. I have in my mind one lady who purchased a trio from me last season, who at the time I feared her making anything out of the turkey business, as she had chickens to care for and I thought her surroundings rather discouraging, but this fall I heard from her and she has been benefited a thousand-fold, raising a nice flock which sold at a good price. I was rejoiced, as I am always glad to bear of my customer's success.

Again, I had a report from an egg customer—like this—"Out of five eggs I purchased of you, I have two pullets and a tom, they are as large again as any of my other turkeys at same age, 7 months. I am very much pleased." In this case a purchase of \$5.00 worth of eggs, a trio worth not less than \$20.00 is raised, but a year behind in the business. To buy the best is economy. I find the highest priced birds are the cheapest, when quality is equal to the price. This rule applies to all kind of stock for breeding purposes. Many times the buyer and seller cannot agree what the quality is that is wanted—the buyer doesn't understand what constitutes the bird equal to his money; it takes a little while to become educated up to giving the best prices for the best stock.

I want the largest frame, longest shank, with long toes, large head. This frame with young birds, we have our heaviest weight show birds, that attract the attention of all passers-by when matured. Turkeys are called the farmer's friend, because they destroy insects in the spring and summer, to fill his pocket book in the fall and winter. The M. B. being the favorite variety.

MRS. J. C. SHOFNER.

Seasonable Turkey Talk.

November with her usual turkey market for Thanksgiving, was quite short owing to short crop of turkeys, and low price at the present "money crisis." Turkeys all seem to be rather light weight, but exceptionally large bone and frame. I attribute this to such an immense amount of grasshoppers this season—that gives bone-making substance and the light weight must be from light seed crop. There was quite a drouth for peas and fall grasses to mature, this giving a shortage of fat and weight while foraging, consequently there was complaint on the part of the buyers. When we expect to put our turkeys on the Thanksgiving market we should begin feeding on corn heavily in October. This gives a sound, plump carcass when dressed and a desirable bird to buy on foot, commanding the best prices.

I never sell until Christmas or New Year market, as I only sell my culls on the market. By that time they have grown considerably in weight and have had time to take on fat, demanding the best market price. These culls are in every breeder's flock, no matter how well bred they may be, and should never be sold as breeders at any price.

The best is none too good when used for breeders, as we all should strive to reach perfection, both in size and plumage.

This has been my aim for twelve years, and I feel that I have been successful in my ef-

forts, to reach the highest point that is possible. I have raised quite a number of turkeys scoring from 95 to 97 1-2 points, weight 45 to 48 pounds and several times cut for over weight, to my defeat in shows. This cut for overweight, in case of a tie with a smaller bird in the turkey class, is very, very wrong, and should have been left unchanged in our new standard of perfection, since our customers all call for large size and heavy weight. We can't afford to select our smaller birds to carry to the show when we are aware of the fact that all who see them admire large birds, yet, with plumage equal to the smaller, he is certain of defeat. In our old standard, the prize was given to the heaviest bird, all other points being equal, or what is known as a tie; weight decided the matter in favor of the heavier.

I hope when the standard is reconstructed this will be one change made—to encourage size in our fancy breeding stock.

We want all the size and weight we can have as market fowls, and our prize winners should be our largest, if symmetry and plumage are equal. The Mammoth Bronze, the largest and most popular breed are the most numerous in our shows. The White Holland, so wonderfully improved in size for the last few years, are next in size and number.

I do not want my breeding stock to get over fat at any time. They are not the best breeders in the spring, as an over-fat hen will lay soft shell, ill-shaped eggs, and not many of them. What we want is a well shaped, large bone and long body, for a breeder, one that will bear some feed while the egg-making season is on hand as I find that egg-making and feather making to be a trying time on them, and should be given special attention before the season comes on, and during the time.

I want a young fowl with large, long bone, large head, coarse gobbler, long neck, long, deep body, large feet. I always select this kind for my breeders next season, year after year. By the next season I have a fine, large, well-developed, matured bird for exhibition or breeding purpose in another flock.

MRS. J. C. SHOFNER.

1000 BUFF ROCKS

Large, clear, rich, Golden Buff birds. Sired by the noted "King George." Jeffersonville and Louisville winner. Rich under color, clear wing and many free from smoke or peppering in tail.

GIANT BRONZE TURKEYS

The get of the Great World's Fair 48 pound First Prize Tom.

Booking engagements now for future show dates, score card or comparison, all varieties. Write

J. C. CLIPP
Box 36, R. 7, SALTILLO, INDIANA

FOR SALE

CHOICE BREEDING STOCK

S. C. B. Leghorns, S. C. B. Rocks, M. B. Turkeys, M. Pekin Ducks, Toulouse Geese.

EGGS IN SEASON

GEO. E. PATTON, MORGANTON, N. C.
(Care of Hospital.)

MAMMOTH BRONZE TURKEYS

Sired by State Fair winning Tom. Fine lot of young turkeys for sale. Barred Plymouth Rocks and White Wyandottes that score high now ready to ship. Address

R. H. YOUNG, R. 5, WATERTOWN, TENN.

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PRIZE WINNERS AT SOUTH'S GREATEST SHOWS:

At Nashville 1906, 1st Cockerel, 2nd Pullet. At Nashville 1907, 1st Cockerel, 2nd pullet. At Knoxville 1906, 1st Cockerel, 1st Pullet, 1st Tom, 1st Hen, and every Special.

BARRED PLYMOUTH ROCKS FROM PRIZE WINNING STRAINS

OLD AND YOUNG—STOCK OF BOTH FOR SALE.

ADDRESS MRS. W. J. LANDESS,
ROUTE 5. FAYETTEVILLE, TENN.

MAMMOTH BRONZE TURKEYS B. P. ROCK CHICKENS AND POLAND CHINA HOGS

"Goliath," at 19 months old, weighed 48 lbs., scored 97 1/2 points, won first prize at Nashville show, January, 1906; also two specials for largest fowl in show. I also won 4th hen and 4th pullet, score 95 points. At North Alabama show, December, 1905, I won 1st on yearling cock "Goliath," 2nd on yearling hen, special \$5.00 on pair, 1st on cockerel, 1st on pullet, special \$5.00 on young pair. Goliath heads my flock of breeding females, 1906, six of which are daughters of "Jumbo Jim," the 47 pound, 18 months old tom that won 2nd prize at World's Fair, St. Louis, 1904. I also have 1st and 2nd prize winning pullets at Columbia, Tenn., in my flock. I carry B. P. R. chickens of best prize winning blood—Bradley Bros. and Sid Conger strain direct. Young and old stock for sale. Patronage solicited and everything guaranteed as represented. For further information address

MRS. J. C. SHOFNER

R. F. D. No. 1, Mulberry, Tenn.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN



PIGEONS



CONDUCTED BY C. H. HAKES, LUDLOWVILLE, N. Y.

Profligacy of Pigeons

While it is no doubt a good thing to have conservative estimates advanced to offset the glowing statements of the "boomers," it seems to me that some writers are too moderate on some points.

To begin with, a pair of birds that will not hatch at least seven pair a year, is hardly worth retaining in the flock.

It would simply mean bad management on the part of the caretaker if less than ninety per cent. of the squabs hatched should fail to come to marketable age in good shape.

As to mortality, there seems to be no reason, in a flock well cared for, why birds should die of anything except old age, and in a flock of birds of mixed ages, unless one begins with very old birds, there should be no deaths for a number of years.

I have a small flock of Homers that was broken up and moved several hundred miles last May. These birds made no appreciable pause for homesickness.

Most of them hatched three nests of squabs to a pair since that time, and are setting on and hatching their fourth. One pair that is raising its fourth lot now (the last of October), laid once more besides, in July; the half-grown squab in the same nest trampling the eggs. Of course, a small flock in a house does far better than a large one, but I do not think the record of this flock need be an exceptional one, if birds are chosen with care, and given clean food, and regular attention.—M. E. Baker, in *Farm Journal*.

The Helmet Pigeon.

This very pretty variety is fast coming to the front and is well worth breeding; the first mentioning of Helmet Pigeon we know of is by Mon as early as 1735, Tegemeyer describes it at some length, Gilbert, Fulton and all books of importance mention it. All the writers agree that the original Helmet was of German origin and plain headed—some place it as a toy pigeon, others place it in the Tumbler class—generally the only properties for which credit is given are its markings and colors.

The later German books now in print positively state that the Helmet of today is a Tumbler originating in Hamburg, is confirmed by Mr. C. Kruger, in the *American Fancier* of December. If the bird is observed closely Tumbler characteristics do appear in the better class of the variety, particularly in plain headed birds. The bill is shorter and of different build than described 200 years ago. The bird has been bred by insistent breeders so long that distinct strains now exist and really no longer is a toy pigeon, but high class, and should be so considered.

There are a considerable number of breeders of this variety in the East and several out West sufficient to support a specialty club. We recommend these to come forward and get things in shape before the fall shows, principally to obtain competent judges and proper classification.—A. E. Robt.

Mammoth Bronze Turkeys

From Prize Winning Strain.

Barred Rocks, Black Langshans, Partridge Wyandottes, Indian Runner Ducks. Stock and eggs at reasonable prices. Write your wants and I will fully describe my stock, and satisfaction guaranteed. Special price on Barred Rock cockerels.

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EGGS 15 FOR \$3.00

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EGGS, 15 FOR \$1.50.

Birds scoring 96 points and won prizes at Birmingham and Aberdeen.

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R. C. Rhode Island Reds

EXCLUSIVELY

21 acres and all my time devoted to them. Won 21 Ribbons and Silver Cup last 2 shows. Eggs, Best Pens, \$2.00 per 15; \$5.00 per 50; \$8.00 per 100. Free Range, \$5.00 per 100. 75 big husky Cockerels at \$3.00 to \$5.00 each.

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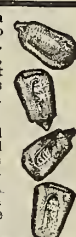
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billing, or
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From eggs
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Send for our handsome 1908 Free Book, telling how to make money breeding squabs. We were first; our birds are largest and outsell all others. Our methods are widely followed.

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For bargain prices in high-scoring old and young stock write to

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Agent for Cyphers Incubators

Since making up my breeding pens I am able to spare a few more of my

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Cockerels and Pullets. Let me know the number and price of birds you desire. Send four cents in stamps or coin for the finest R. C. B. Minorca catalogue ever issued, fully illustrated. Lloyd C. Misher, R. R. No. 2, North Manchester, Ind.

ANOTHER VICTORY

FOR

MILES' UTOPIA BARRED PLYMOUTH ROCKS S. C. RHODE ISLAND REDS

At the great Ohio State Fair, September, 1907, one of the largest fall shows in the United States, in one of the largest and best classes of B. P. Rocks and R. I. Reds ever shown, we won four firsts and four seconds, defeating some of the oldest and largest breeders in U. S.

Our winning at Nashville, Tenn., January, 1907; Indianapolis, Ind., February, 1907, is a matter of history, and separate and alone is proof conclusive of their superior quality.

Our winning of the American Cup on B. P. Rocks, at the National Show, Cincinnati, January, 1906—the third time in four years—is a victory unequalled.

A prominent R. I. Red breeder of the South visited my farm the last of August, he having come from the East, where he had visited the yards of some of the most prominent Red breeders of the East; he stated I had the "reddest Red birds" he had seen, and he left a fine order for November 1st shipment.

We have the quality and the stock to select from. We can and will please you. Write me at once. We guarantee satisfaction.

MILES POULTRY FARM

OSCAR E. MILES, Owner.

CAPITAL TRUST BUILDING.

COLUMBUS, OHIO.

(Please mention this publication.)

HIGH GRADE BUFF WYANDOTTE COCKERELS

and pullets now ready. Good shape, splendid color, tails and wings near perfection. A few good hens for breeding and showing. My 1907 matings "nicked" to perfection. Shall I share my success with you? "Hints for getting good Buffs" for the asking.

DR. N. W. SANBORN, Box H, BELLINGHAM, MASSACHUSETTS

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN

THE HONEY BEE

This department is edited by Mr. G. M. Bentley, University of Tennessee, Knoxville, who will answer questions referred to him. Persons desiring reply by mail must enclose 2c stamp.

BEE PUBLICATIONS.

THE INDUSTRIOUS HEN will be sent with the following:

PRICE FOR THE TWO	OUR PRICE FOR BOTH
\$1.50 Gleanings in Bee Culture, SM.....	\$1.00
1.00 The American Bee Keeper, SM.....	.75

NOTICE.

Those interested in bees may feel free to write to the editor of this Department and ask any questions they wish. In replying only initials will be published.

Races of Honey-Bees.

Following is a brief mention of the leading races suitable for modern Apiculture:

Golden Italians are preferred in many of the most extensive apiaries—they are prolific but not swarmers, gentle and winter well.

Dark Italians, when improved by selection, make very profitable stock indeed.

The Banat Bees, from Hungary, are the most desirable of all the dark races. They are much like Carniolans but do not swarm as badly.

Carniolans are so well introduced to comment seems unnecessary here—swarming is their only fault.

Caucasians are yet on trial—they are supposed to be the gentlest of all the races. We have the Abkasian and gray varieties so much talked about.

Cyprians are perhaps the most energetic bees we know of but their temper bars them from most apiaries.

Much interest is being demonstrated in the Course in Bee Keeping to be given at the University of Tennessee from February 27th to March 11th. Letters have been received from bee keepers and those intending to begin from all parts of the state, expressing their intention of attending. Several successful bee keepers have offered to give lectures and practical talks. The course is intended both for the novice and the experienced and will be conducted so as to be of the utmost value to all. Apparatus of all kinds, an apiary, stereopticon lantern views, charts are made frequent use of to simplify the lectures and discussions. The care and banding of bees will

be shown fully with hives of living bees. No requirements are necessary and the course is free to all: For the best essay upon the "Value of Bees to the Farmers and Fruit Growers of Tennessee," a \$10 prize will be offered by the A. I. Root Company.

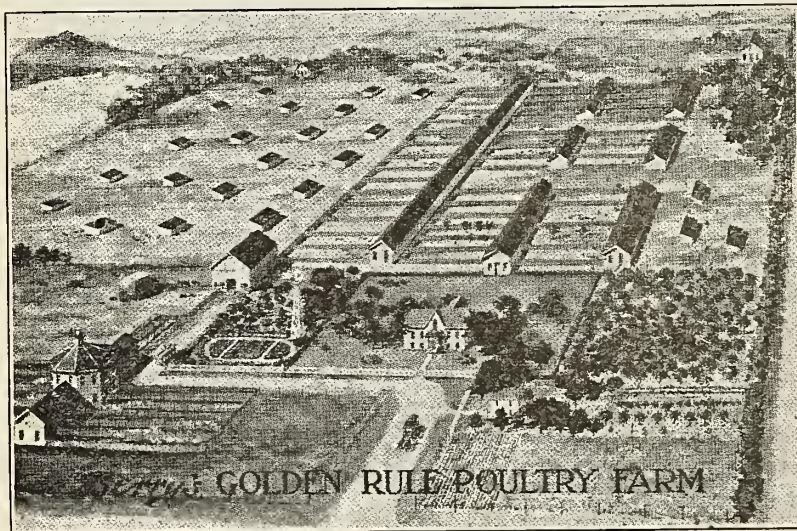
Pure Honey: A common statement in papers is that much of the comb honey on the market is manufactured and the combs filled with glucose and capped over by a mechanical process. It is a fact that there never was such a thing as manufactured honey comb. In proof of this the publishers of leading bee papers of undoubted responsibility have offered \$1,000 for proof, showing that comb honey is manufactured, or that such an article is for sale in the open market. Although



Worker

this offer has been standing for about 20 years, and has been duplicated by other responsible persons and organizations connected with the industry of bee keeping, no one has ever seen fit to try to prove a claim to it. The U. S. Department of Agriculture has also put out several published statements denying the existence of manufactured comb honey, and the grocers' leading trade organ assures its patrons that all the comb honey on the market is absolutely the product of bees.

"The Value of Bees to the Fruit Grower" is the subject of a lecture to be given by John Davis of Springhill, Maury Co., at the State Nurserymen's Association, held at Nashville, January 31. The meetings are to be held in the Assembly rooms of the Tulane Hotel, to which the public is cordially invited.



A GREAT POULTRY ESTABLISHMENT.

The above illustration is a bird's eye view of Berry's Golden Rule Poultry Farm. It shows what wonderful strides have been made in the way of establishing mammoth poultry plants. It shows what success may be attained in this business, as it is one of the largest plants that has been brought to our notice, containing the finest and purest kinds of thorough-bred chickens, turkeys, ducks, and geese, they are farm raised birds, large, vigorous, and beautiful. They manufacture an incubator and brooder, the "BIDDY" that hatches more chickens with less care and cost than any they have tried. Low prices are quoted in a very valuable book "Profitable Poultry," that tells about their mammoth poultry farm and 45 breeds of fowls. This fine illustrated 84-page book tells of their success and how others may succeed and make poultry profitable. It will pay every one to send 4 cents for this book, to Berry's Poultry Farm, Box 184, Clarinda, Ia.

ONLY THE BEST BROWN LEGHORNS
Males with best stripe in hackle and saddle; females with pencilling and color that wins. 50 First Prizes won. Eggs from these winners reasonable. Circular showing Chicago, Boston, Madison Sq. Garden winners, free. W.H. WIEBE, Box 348, Ft. Wayne, Ind.

Closing Out Sale

Not disgruntled, but on account of the press of other business and bad health I am forced to let my beauties go. Partridge, Silver Pencilled, Golden Buff Wyandottes; Buff Rocks and Light Brahmas; Bantams. Three incubators and three Brooders. One Humphreys Bone Cutter. All must go. Send in your order quick.

Partridge Wyandotte Park
Burlington, N. C.

WHITEWASHING
and disinfecting with the new
"Kant-Klog" Sprayer
gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc.
Booklet free. Address
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GLEANINGS IN BEE CULTURE

A 64 page semi-monthly paper devoted to Bees and Honey and home interests.

This paper is fully illustrated with the most attractive illustrations of apiaries, appliances, etc., and has a special illustrated cover each issue.

Trial subscription six months for 25c, money returned if not satisfactory.

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P. S.—When ordering the above if you will mention THE INDUSTRIOUS HEN and request it we will send you your choice of two of any of following 10c pamphlets.

Facts about Bees.
Habits of the Honey Bee.
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Tests - \$1.00 up Old Pistols - \$.50 up
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FRANCIS BANNERMAN, 501 Broadway, NEW YORK

THE DAIRY

Edited by James N. Price, B. S. A., Instructor in Dairy Husbandry at the University of Tennessee

An invitation is extended to our readers to contribute their experience to this department. Inquiries answered.

Buttermilk Facts.

Buttermilk as a cooler in hot weather, says the *New York Press*, has no equal. As a tonic it is superior to everything alcoholic.

The same writer says that a buttermilk diet will invariably cure the gout. It contains more casein than whole milk, cream, skim milk, or butter. The fact that casein does not form uric acid adapts it for the use of the gouty. As gout and rheumatism are first cousins, buttermilk is good medicine for the rheumatic.

The most eminent scientist in Europe spent many years trying to understand the merits of buttermilk. He has discovered a few of them. A great majority of men prefer sweet milk. In the good old summer time they should never take a drop of it in a public house without the addition of a little lime water. There are 6,000,000 microbes in every cubic inch of sweet milk which is let stand a short time. A few of these fellows may be bad; most of them are not only harmless, but necessary to help you digest the milk. Be not fearful of microbes.

Tennessee State Fair.

Next fall at Nashville will be one of the greatest exhibitions of live stock and poultry ever put under one fence in the South, and every breeder should begin to prepare for this now.

The Daniel Suburban Poultry Yards, Hopkinsville, Ky., have a famous line of B. P. Rocks. A recent large sale was made through THE HEN in Bocas del Toro, Republic of Panama, to Mr. Geo. L. Henry.

Don't Raise Chicks

without DAVIS Sanitary Food and Water Fountains; Life savers—no drowned chicks—keep water clean and fresh. Ask your Supply Dealer for them or order direct. Price 25c; \$2.70 doz. Postage 15c each, extra. No bottles or cans included. Circular free.

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HURT'S SINGLE COMB BUFF LEGHORNS "BEST BY TEST"

My record of 196 premiums at America's foremost shows during '05, '06 and '07 proves this. At the Missouri State Show, in a large class, by ten exhibitors representing six different states HURT won: 1st cock, 1st and 4th pullet, 1st pen, 2nd and 5th chl and special for "best display" on 7 entries. Get your stock and eggs of the "man who satisfies all."

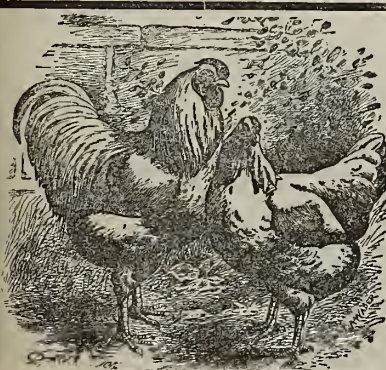
PETER S. HURT, Box 404, THORNTOWN, IND

Sam M. Cooper,

Breeder of

High Grade S. C. R. I. Reds
and R. C. White Leghorns

FOUNTAIN CITY, - TENNESSEE



Got More Than She Paid For.

Editor *Industrious Hen*, Knoxville, Tenn.

DEAR SIR:—In renewing my subscription to the *Industrious Hen* and enclosing ad. for the coming season (both of which I enclose herewith), it is a real pleasure to say that I feel that I have always got more than I paid for, from your excellent paper, both as a reader and advertiser. My very modest ads. last season sold me more eggs and stock than I could deliver and repeat orders have been most gratifying. My customers have come from as far away as New Orleans, and while I feel that the repeat orders are naturally owing to the quality of what I delivered, it is certainly true that ninety per cent. of all my original orders came from ads. in your paper, though I also used several others.

Thanking you, I am

Respectfully yours,

Mrs. Wm. R. Luke.

Nashville, Nov. 19th, 1907.

S. C. R. I. REDS

COCKERELS

\$1.00 Apiece

— NOT CULLS —

RED CLOUD STRAIN



J. W. BROWN

THORNGROVE, - TENNESSEE

S. C. BUFF ORPINGTONS

Blue Blooded, Well Bred
and Well Raised Winners

My birds are good to eat, good to lay, good to show. Won at Knoxville, Dec. '06, 1 chl, 1, 2, 3, 4 pul; 1 pen; club specials for best cock, hen and pen and grand Silver cup of Na. S. C. Buff Orpington Club. Eggs \$2.00 per setting.

A. C. COCHRAN

Knoxville, Tennessee

SANITARY POULTRY YARDS "FAMOUS" WHITE WYANDOTTES

A noted strain of heavy layers. "The laying hen is the paying hen." I have built up by the trap-nest individual record system, using nothing in breeding but the best, what I am pleased to call the

FAMOUS STRAIN

I breed for Merit and sell on Honor a strain of heavy layers. They are bred to Standard, to lay and show. Purity, vigor, prolific, Snow White. The best all-purpose fowls. Eggs from pens Nos. 1 & 2, Select Prize Winnings, \$3.00; pens Nos. 3 & 4, Special Choice Matings, \$2.00; pens Nos. 5 to 8, Splendid Utility Matings, \$1.00 for 15 eggs. Address "Box 122." Member Nat'l. White Wyandotte Club.

W. T. Roberts, Gurley, Ala.

Don't Blame the Hen

for being a poor layer when it's not her fault. Grains contain only a part of the egg-making materials needed for large egg-production.

Rust's Egg Producer

contains the rest and in the right proportions for mixing with the regular feed. One user writes: "Its use quickly doubled egg production." Its results are unequalled. Prices 25c, 50c, \$1.00 etc. Ask your dealer. Rust's Egg Record and excellent poultry booklet free. Write today.

WILLIAM RUST & SONS.

Dept. I. New Brunswick, N. J.

First Cockerel, World's Fair



255 Premiums

AT

19 Big Shows

UNDER

21 National Judges

IN

4 Years

IS THE RECORD OF
MY FAMOUS

Brown Leghorns.

Compare this with other breeders before placing your orders for stock and eggs. My circulars are free

E. E. CARTER

KNOXVILLE, TENN.

Member Amer. S. C. Brown Leghorn Club

GRANDVIEW FARM, PHOENIX, ALA.

Thoroughbred

Rhode Island Reds
Buff Orpingtons
Silver Wyandottes

Eggs from grand pens headed by prize winners at Birmingham, Macon, Augusta and Charlotte, \$1.50 for 15.

ANGORA GOATS

All correspondence should be addressed to Reginald Forwood, Garfield, Ark., and if a direct answer by mail is required a remittance of 25 cents should be sent.

Managing Angoras.

To properly manage stock one must raise the kinds he fancies most. My preference is pure bred Angora goats. I run them in the same pasture with sheep. My pasture being bushy, they eat brush and make the pasture better for sheep. In this pasture water is provided in a trough, from wind mill. So each animal can be seen when watering.

Lots are prepared near by which are used to bed on. They are shifted from one lot to another as each becomes rich from the droppings. The lots are rotated for feed crops to keep the graze hogs on. Barn and shelter are provided to store away feed for sheep, goats and hogs. Goats are never shedded except in rainy or cold weather. Hogs are never with goats and sheep, only follow after them in rotation. Salt is kept where goats and sheep can go and get it every day just as regular as water. By this method the manure is all easily saved and utilized with a small amount of labor.

Cows, horses and mules are kept in separate pasture and lots from goats and sheep. As much manure from them is saved as can be done without too great an expenditure. This being placed upon the land in cultivation, stock is not permitted to run in a patch when the ground is wet, as this is injurious to the soil.

I work my mares and begin to teach my colts usually by the time they are nine days old. Let them know that I am master while I am the biggest, then I can deceive and manage them better when they are grown.

Never let goats, sheep, hogs or any kind of stock go down hill because feed is scarce; rather sell at a sacrifice.

My idea is to continue to fence and diversify my crops and use such for grazing purposes as waste least when trampled over. I house other feed for a rainy day or when too cold for stock when out and then save all manure to be returned to the soil. Rotate stock as well as diversify crops; they are benefited by a change as well as the land and crops. My plan is to sell my grain and forage through the medium of live stock.—T. R. Smith, Bertram, Texas.

There is no surer way for a breeder of pure-bred sheep to build up a business that will ultimately mean a fortune to him than advertising.

Cycle HATCHER-BROODER

Complete 50-egg all metal Hatching and Brooding plant for only \$7.50. Once filling the lamp hatches the eggs and broods the chicks.—Cycle Hatcher Co., 512 Wm. St., Elmira, N. Y.



PILLING CAPON TOOLS



On the market capons bring double price and are cheaper and easier to raise. Caponizing is easy and soon learned. A Pilling Capon Set will enable you to caponize all your young cockerels and add greatly to your profits. Sent prepaid with "easy to use" directions, on receipt of \$2.50. Anyone can do it. Write for free book on caponizing.

G. P. PILLING & SON CO.
Arch Street, Philadelphia, Pa.

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Angora Goats for Sale

From Registered Stock. Nothing better to be had anywhere. \$20 per pair. One year old Bucks, \$10; Kids, \$7.

E. D. SHIELDS
TELlico JUNCTION, TENN.

SOUVENIR POULTRY POST CARDS

Handsome. New. No two alike. Every lover of chickens should have them. 8 for 10c postpaid.

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KNOXVILLE, TENNESSEE

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To Sell? Or Trade? Or What Do You Want to Buy?

Tell us your wants, we are here to supply them. We publish a monthly, which goes to thousands of people who buy, sell and exchange. Send a description of what you have or what you want; we will do the rest. Enclose stamp.

American Business Agency,
Easton, Maryland.

HOUDANS

My matings for season of 1908 are among the finest in America. Twenty pens headed by winners at Boston, St. Louis and other large shows. My pen one will be headed by first prize winning Boston cockerel, 1907, said to be the best Houdan male in America. I own and personally conduct one of the largest Houdan farms in America. High egg records and high scores characterizing my breeding pens. Send for catalogue.

DR. G. W. TAYLOR,

Box H.

ORLEANS, IND.

MAMMOUTH BRONZE TURKEYS

Eggs and Stock in Season.

The largest birds from the purest and hardiest strain of prize winners. My turkeys have a natural wild range and pastures all the time and their eggs are exceptionally fertile.

MRS. W. R. BRAKEBILL,

Route 3.

KNOXVILLE, TENNESSEE.

SINGLE COMB BLACK MINORCA WINNERS

These birds are heavy layers of large eggs and have won wherever shown. Won at Bristol, 1 pul, 2 ckl. Won at Knoxville, 1st hen, 96 points; 1st ckl, 93½; 1st pullet, 96; 1st pen, 188½, 2nd pul, 95. Won also at Asheville, N. C. Eggs, \$5, \$3, and \$2 per setting.

FRED E. CARTER, 1003 Irwin Avenue, KNOXVILLE, TENN.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN.

DON'T YOU RECKON THOROBREDS PAY BEST? **LET US START YOU**

81 REGULAR PRIZES TO OUR CREDIT

THE BETTER KIND Eggs and breeders for sale at reasonable prices.

PLEASED CUSTOMERS IN EVERY SOUTHERN STATE

W. HAYSSON'S POULTRY YARDS CO. (Mobile County) ALA.
DEEDERS, SHIPPERS, EXPORTERS.
LEADING VARIETIES

STANDARD BRED POULTRY

OUR IMPERIAL PEKIN DUCKS 98

Agents Petaluma Incubator Co. REMEDIES, FEEDS, SPECIALTIES, Etc.

Bennett's Famous S. C. Rhode Island Reds

Won all awards but seven since Dec. 15, 1907, at five exhibits, including the Great Illinois State Show at Bloomington, Ill., Jan., 1908, where they won every first. Won every special offered, including four silver cups and at two exhibits for largest and best display of all varieties competing.

I have developed a strain of Reds second to none. Write for mating list and price of stock.

F. A. BENNETT
CANTON, ILLINOIS.

The Southern Planter

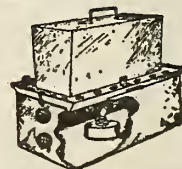
ONE YEAR FREE

As a special inducement to old and new subscribers alike we have arranged to send *The Industrious Hen* and *The Southern Planter*, Richmond, Va., one year for 50c.

We recommend *The Southern Planter* as one of the best farm publications in the South. Send to them for sample.

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THE INDUSTRIOUS HEN
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WATERING TANK

That will not freeze. May be used for old or small fowls. We make Metal Feed Coops; Rat, Mink, Lice and Mite Proof Breed Coops and Nests. Catalogue free.

G. HOSKINS & Co.

Dept. 1, 318 State Street, QUINCY, ILLINOIS

Rose Comb Rhode Island Reds

EXCLUSIVELY

NO PAINS OR MONEY HAS BEEN SPARED IN MATING MY PENS

Eggs \$1.50 per 15. \$8.00 per 100

W. B. FARRIS, Pulaski, Tenn.

THE KENNEL

This Department is conducted by **WALTER J. HUNTER**, Johnson City, Tenn., to whom all queries should be addressed.

Get Rid of Fleas.

If your dogs are troubled with fleas a very simple way to get rid of the pest is to provide oeds of fresh cedar shavings or better, cedar excelsior in the kennel or wherever the dog sleep. The scent is not at all unpleasant to the dogs, but is obnoxious to the fleas. When a dog's coat gets thoroughly scented not only do the fleas leave him while asleep, but they will not jump upon him while he is out in the sand during the day.

A noted French educator of children says that no boy or girl should be without a pet of some kind. Give them a puppy and let them grow up together. An animal has a great influence on the growing character of a child. A child who learns to be kind to animals will be thoughtful and kind to other children and people. A child who becomes accustomed to animals in its infancy will have no fear of them.

Many fanciers use the word "ex" in regard to their dogs incorrectly, "ex" is the Latin for "out of" and therefore should only be used in connection with the bitch; for instance "a litter of puppies by Alstead Duncan out of 'ex' Wishaw Pearl." The sire name should always be mentioned first. By observing this rule strictly and not getting the name of the dam first, many mistakes will be avoided.

The following advertisement recently appeared in a popular New York paper: "For sale—Puppies, cross between St. Bernard and Ruby Spaniel, \$1.00 each. As the St. Bernard is one of the largest animals bred and the Ruby Spaniel the smallest, wonder what kind of looking dog this would be.

Rover, the handsome Scotch collie, who somewhere way out on the Pacific Coast, has been the companion of one C. W. Thatcher, the good roads advocate, and travelled with him across two deserts and seventeen states, became lost in Chicago, where the *Examiners* offered reward and have not yet located him. Mr. Thatcher is disconsolate over the loss of his good friend.

Alfred Blewett in *Field and Fancy*; "It may interest the many Collie fanciers who read your paper to know that the old Champion, Southport Perfection, is still living and is quite healthy and vigorous at his age, being now sixteen years old. He was born on February 19th, 1892, claiming as his sire, Edgbaston Marvel, and as his dam, Tabley Rose. With Ch. Metchley Wonder, Ch. Christopher, Ch. Rutland, Ch. Charlemange, Ch. Peggie II, Ch. Madge and a host of other past celebrities in his pedigree, it is not to be wondered at that he has produced so many good ones, as we find his name in many of the present day pedigrees of up-to-date Collies.

WHITE WYANDOTTES

Bred from selected stock. Eggs \$1.50 per 15. Orders booked Feb. and Mar. \$1.00

MRS. J. W. MAHAN, WHITTLES DEPOT, VA.



MAKE GOOD MONEY

In Poultry business. Others do it. Why not you? Our big illustrated book, "Profitable Poultry," tells how to breed, hatch, feed, grow and market to make lots of money. Starts you on the road to success. Describes most wonderful Poultry Farm in the world—32 kinds of fowls. Gives lowest prices on fowls, eggs, Incubators, everything for Poultry. Mailed for 4 cents in postage. Berry's Poultry Farm, Box 84, Clarinda, Iowa.

Collies For Sale

The best tri-color, and sable and white puppies we have ever raised—from prize winners and by the great stud dog "Scottish Alton Monty," an imported first prize winner in hot competition. Biltmore Queen, Parbold Daisy, Caedonia Lena, and Beauty Bright II are prize winning litches. Six weeks old puppies \$10 to \$25. Book your order now.

Knox Collie Kennels

617 Gay Street

Knoxville, Tenn.

DOG GOT FLEAS?

The editor of *The Dog Fancier* has a preparation that will positively remove all fleas from dogs and cats. It is harmless to the animal or coat. Sent, postpaid, for 50 cents. *The Dog Fancier* is a monthly illustrated publication, devoted solely to dogs. Now in its 17th year. Will send you a sample copy on request. Subscription price 50c a year. Address the Editor, EUGENE GLASS, BATTLE CREEK, MICHIGAN.

S. C. RHODE ISLAND REDS ONLY

Eggs in Season for \$1.50 and \$3.00 per 15

My foundation stock is from best Reds in this country. I now have 150 young stock for sale—75 cockerels, all from first prize winners last season. Write your wants.

W. OSCAR ORR, Box 112, ROANOKE, ALA.

THE KENNEL REVIEW

is now running a splendid series of articles on "GREAT ENGLISH SETTER SIRE, PAST AND PRESENT" by H. S. BEVAN, a very interesting series by CHARLES ASKINS, on "GREAT POINTERS OF TO-DAY," and one of the best series of COLLIE articles ever published on "PRESENT DAY COLLIES" by a well known Collie breeder.

THE KENNEL REVIEW is a high class magazine, beautifully printed and illustrated; is the only exclusive kennel periodical published west of the Mississippi River, and is acknowledged the best advertising medium in the West.

SAMPLE COPY FREE
KENNEL REVIEW PUBLISHING CO.
69th and Jackson, Kansas City, Mo.

Single Comb Rhode Island Reds

Young stock and eggs from Standard bred exhibition pens. Won 2nd pen, Jan. 1907, and 2nd pullet Jan. 1908, in hot competition.

Miss Rose Wallace

Harriman, Tennessee

WECKLER'S BUFF ROCKS



Proved themselves winners again at Indianapolis, the greatest show ever held in Indiana. 1, 2 Pens, 1, 2 Hens, 1 Pullet, 3 Ck., 4 Ckl.; four Silver Cup Specials for best male and female. Eggs from the same matings that I breed from \$3.00 for 15. A few Cockerels and Pullets for sale.

A. L. WECKLER, Bunker Hill, Ind.

BARRED PLYMOUTH ROCKS

(RINGLETS)

Winners Three Years in Succession at the Greenfield Poultry and Pet Stock Show

I breed from high-scoring birds that are mated for best results. I have made Barred Rocks a specialty for fifteen years.

EGGS AT \$2.00 PER 15.

COCKERELS FOR SALE, \$2 TO \$5 EACH. GOOD ENOUGH TO SHOW

F. E. MENZIES

DYER, TENN.

S. C. W. LEGHORNS

Free Range Birds! Laying Strain!

Eggs for hatching. About fifty Cocks and Cockerels (fine), to be moved at a bargain. We have an up-to-date plant, prepared to handle thousands of chickens yearly. Visitors welcome.

Speedwell Poultry Farm, Salem, Va.

Mammoth Bronze Turkeys

Prize winning Indiana stock. Old and young stock. S. C. Buff Orpingtons. Eggs in season for sale. Address

MRS. JAS. T. CUNNINGHAM, R 8, SHELBYVILLE, TENN.

WHY GAMBLE

? IN DOUBTFUL ?
STOCK ?

FOR THE VERY BEST OBTAINABLE IN



Barred Plymouth Rocks, White Plymouth Rocks, Buff Orpingtons, Lakenvelders, Silver Laced Wyandottes and Anconas, consult the

BLUE BLOOD POULTRY FARM

P. O. Box 1.

STRICTLY HIGH-CLASS EXHIBITION STOCK A SPECIALTY

CHARLOTTE, N. C.

OUR WINNINGS AT THE GREAT JAMESTOWN SHOW: 6 Firsts, 6 Seconds, 4 Thirds, 3 Fourths and 1 Fifth. 20 prizes on 44 entries, exhibiting five breeds; besides winning the coveted CORNO \$100.00 Silver Cup Prize, demonstrates we have the goods. Catalogue upon application. Stock and Eggs for Sale.

BOYS' DEPARTMENT

Address all communications for this Department, or concerning the Boys' National Poultry Club, to ROBERT G. FIELDS, 33 Caruthers Ave., Nashville, Tenn.

Among the Boys.

B. S. Davis Jr., son of the noted specialist of that name, won at the Mecklingburg Fair on White Cochins Bantams first cock. He seems to have the winning kind in Bantams as his father has in large fowls.

Arthur C. Menler, a Wisconsin member of our Club, says he regrets very much that he cannot try for one of our ribbons, but is going to make himself heard from at the poultry shows of his section. He breeds S. S. Hamburgs and is a hustling member of the B. N. P. C.

Boys, when you receive your copy of the Club catalogue, use it in getting new members. Show it to other boys whom you think would be interested and try to get them to join. The catalogue will do its part if you will do yours. Talk up for the Club and help us get more new members.

Hager Bros. say they have made several notable additions to their yards, having purchased from a well-known breeder many new fowls of extra quality. With what they already have they will be able to buck up against most anyone who will exhibit and they will have a good chance to come out ahead, too.

Carl Alexander, of N. C., made a fine showing at the Mecklingburg Fair on White Cochins Bantams. He won as follows: 1 cock, 1, 2, and 4 hens, 1 and 2 pullets and 1 pen. He has the quality to burn, and is going to give the other boys a hot run for his Club ribbons offered at Charlotte.

Flynn Elliott, of N. C., one of our new members, won at the N. C. State Fair held at Raleigh as follows: White Cochins Bantams, 2 ckl., 1 and 4 pullets, 1 pair; Fantail Pigeons, 1 and 2 pair; Tumbler Pigeons, 1 and 2 pair. He has extra good quality in each of his several breeds. He won at the Mecklingburg Fair as follows: On Peking Ducks, 1, 3 and 4; Peking Drakes, 1, 2, 4 and 5; on White Cochins Bantams, 4 cock, 4 hen, 1 ckl., 3 pullet; on Fantail Pigeons, 1 pair; on Pouter Pigeons, 2 pair; on Tumbler Pigeons, 1 and 3 pair.

Questions.

Ques. 1. How is line breeding carried on; also double and single mating?—J. C.

Ans. 1. Line breeding is the systematic following out a defined chart or plans, with the end in view of getting the characteristics of the original dam or sire firmly impressed in the blood of the progeny. Double and single mating is carried on to produce the cockerels and pullets of certain breeds of the right color; different breeding pens are used to produce the different sexes. The above subjects are too complex to give the whys and wherefores in this column.

Ques. 2. Who were the winners of the club ribbons?—C. N.

Ans. 2. These will be given in the February "Boys Department."

Raising Mammoth Bronze Turkeys.

A visit to the turkey farm of Mrs. Brakehill, south of Knoxville a few miles, evinces the fact that this must be a good climate and conditions for turkey raising. Besides the many large hens and toms strutting around was a larger tom than the rest. He could stand flat footed and look over an ordinary rail fence and his gobble could be heard half a mile. He must have weighed fifty pounds, though we didn't have a chance to test it. It was too near Christmas time. Mrs. Brakehill will have a few settings of eggs from this mating at fifty cents an egg. See her address on the turkey page.

A Good Lawn Mower.

We respectfully call the attention of our readers to the lawn mower made by the Clipper Lawn Mower Co., of Dixon, Ills. It is especially adapted to the needs of the farmer as it can be used after grass gets to any height. Oftentimes a farmer's lawn gets away with him when he is very busy. Then when a let-up comes in his work, his grass is too tall to be cut with the rotary mower. The Clipper is just the thing for that condition. It is also an excellent machine for the poultry farmers as it can be used in cutting green feed for poultry. See their advertisement on another page.

Ringlet Barred Rocks

PRIZE WINNERS.

As proven by their winnings at the recent show at Charleston, S. C., 1st cock, 3rd cockerel, 1st, 2nd, 3rd hen, 1st pen, 2 specials.

ONLY SIX ENTERED.


Cockerels for sale from those winners. Eggs, \$2.00 per 13 from best matings. Trapnested heavy laying strain S. C. White Leghorns, eggs \$2.00 per 13.

Anna McCullough

Box 836.

Charleston, S. C.

GREIDER'S
Fine Poultry Catalogue
for 1908 illustrates and describes 60 Varieties of Poultry, Pigeons, Ducks, and Geese. Printed in beautiful colors, with 10 handsome chromes pretty enough to frame. It is all about best Louse Killer; practical poultry houses and equipment, how to build them, how to cure diseases, make hens lay and yield good profits. Gives prices of breeding stock and eggs, which are within reach of all. Book worth far more, but sent postpaid for only 10 cts.
B. H. GREIDER,
Rheims, Pa.



FOR SALE S. C. B. LEGHORNS



Winning at the St. Louis, Mo., Show, Nov. 25-30, 1907; 1 and 2 ckl., 1, 2 and 3 pullet, 2 hen. At Bristol, Tenn., show Dec. 8-12, 1907, 1 ckl., 1 hen, 1 ckl., 3 ckl., 1 and 2 pullet, 1 pen. Ckls. and pullets for breeders, the same line of blood. Eggs \$2 to \$5 per setting per 15 eggs. Call for free circular and get show record.

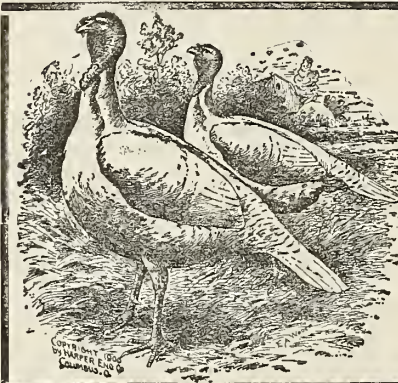
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GOLDEN WYANDOTTES

Not surpassed for utility and Exhibition. Eggs from Winners at the Greater Asheville Show per Setting, \$3.00; two Settings, \$5.00.

W. H. LORD

Asheville, North Carolina.



OAKLAND TURKEY FARM

— BREEDERS OF —

White Holland Turkeys

EXCLUSIVELY

Won two firsts and two seconds out of five entries at Knoxville Great show, Jan. 8 to 11, 1908. Eggs 50c each. My turkeys are large, vigorous and healthy, and while I have many acres, they do not need much range.

A. S. BELL, R. D. 13, Knoxville, Tenn.

KENTWOOD POULTRY FARM

J. H. MILLER, Prop.

KENTWOOD, LA.

BARRED, BUFF AND WHITE PLYMOUTH ROCKS SILVER, GOLDEN AND WHITE WYANDOTTES

Light Brahmas, Buff Cochins, S. C. White and Brown Leghorns. S. S. Hamburgs; S. C. Black Minorcas, Cornish Indian Games, R. C. R. I. Reds. Eggs: \$2.00 to \$5.00 per setting of 15, or \$8.00, \$10.00 and \$12.00 per one hundred for incubator use. Stock for sale and some great bargains in cocks and cockerels of all breeds that we handle.

POLAND CHINA HOGS


Best blood line in America, pedigreed and registered, moderate prices.

THE FINEST DOG KENNEL IN THE SOUTH

Fox terriers, the finest ratters on earth. Scotch Collies; sable and white; black and white; and tri-colored. Pointers of the best breeds, all pedigreed and registered. We also have a fine flock of Toulouse geese. WE GUARANTEE EVERY SALE AND WANT NO DISSATISFIED CUSTOMER. Plenty of stock for sale; write us your wants.

EGG MAKING

is a hen's natural work. Cut bone is the raw material she needs to make her lay an egg a day. A **CROWN BONE CUTTER** will prepare the food from scrap bones quickly, easily. Write for catalog—tells about the Crown. Wilson Bros., Box 646, Easton, Pa.



THE BANTY SAVES LIFE & LABOR

Send direct if not at dealer's. We refund money and pay freight both ways if not satisfied. You take no risk.

Galvanized iron made to last
 1/2 gal., 50c, 1 gal. 75c, 2 gal., \$1.00.
 Discounts on doz. lots.

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OPEN AM PAT SPECIALTY CO Dayton, O.

EASILY FILLED & CLEANED

OUR GREAT SPECIALTY S. C. R. I. REDS

Stock, each \$1 to \$5. Eggs \$1 to \$5 setting. R. C. Brown Leghorns \$2 each. Eggs \$2. Mammoth Bronze Turkey eggs \$2. Toulouse Geese \$2. Eggs \$2. Pekin Ducks \$1. Eggs \$1. I fine four-year and 1 six months Aberdeen Ayres bulls, registered, for sale cheap. All best strains.

C. W. HICKS
Madisonville - - Tenn.

"DAVIS' BARRED ROCKS"

Can fit you up with good breeders or show birds. Write for circulars.

B. S. DAVIS, CHARLOTTE, N. C.

S. C. RHODE ISLAND REDS (Deep Cherry)
WHITE PLYM. ROCKS (Large, vigorous)
WHITE WYANDOTTES (Laying Stock)

These birds all high strains; heavy layers; prices moderate; fair dealing. Eggs \$2.00 per 15. Customers pleased.


R. E. TRAVIS, Bonnie View Poultry Yards
Goodlettsville, Tenn.

No. 1 CYPRESS INCUBATOR
120 Egg Capacity \$17.00

No. 2 STORM KING BROODER
75 Chick \$8.00
\$25.00

Used Only for One Hatching and in Good Condition.
Will Sell at Half Price.

P. J. BRISCOE, Sr., - 1605 Laurel Ave.



Paralysis

Locomotor Ataxia Conquered at last by Chase's Special Blood and Nerve, Kidney and Liver Tablets which force new life and strength into the paralyzed parts. A month's trial will convince you. Write for full particulars.—P. 3.

Dr. Chase, 224 N. 10th St., Philadelphia, Pa.



IDEAL ALUMINUM LEG BAND

To Mark Chickens
CHEAPEST AND BEST
 12 for 15c; 25—35c; 50—40c; 100—75c.
 Sample Band Mailed for 2c Stamp.
 Frank Myers, Mfr. Box 50, Freerport, Ill.

When writing advertisers mention THE HEN.

Show Winnings

Knoxville, Tenn.

Judges Owen and Brown placed ribbons on the following winners:

Barred P. Rocks.—Mrs. W. R. Madden, 1, 2, 3 pen, 1 ck, 3 ckl, 1, 2, 4 hen, 1, 2, 3, 4 pul. T. D. Smith, 2, 4 ckl, 4 ck, 4 pen. Raleigh Wright, 2 ck.

Buff P. Rocks.—Jas. G. Comfort, 1 pen, 2 ckl, 1, 2, 3, 4 pul.

W. P. Rocks.—Peter Rule, 3 hen, 4 ck. Joe Knott, 1, 3 pen, 1, 2 ckl, 1, 3, 4 pul, 2, 4 hen. A. H. Gray, 3 ck, 3, 4 ckl, 2 pul, 1 hen.

Silver Wyandottes.—J. A. Muecke, Jr., 2, 3 pen, 2, 3 ck, 3 ckl, 1, 2, 3 hen, 1, 2, 3, 4 pul.

W. Wyandottes.—W. R. Teeple, 1 ck, 3, 4 hen, 2 pen. Oaklawn Farm, 1 pen, 1, 3 ckl, 1, 2, 3 pul, 1 hen. A. J. Lawson, 2 hen. Mrs. R. H. Bell, 2 ck, 2 ckl, 3 pen. Mrs. Lila C. Burke, 3 ck. Mrs. S. R. Ogden, 4 ck, 4 ckl, 4 pul, 4 pen.

Portridge Wyandottes.—Rex. W. Sharp, 1 pen, 1, 2 ck, 2, 3, 4 pul. Mrs. Lila C. Burke, 4 ckl, 3, 4 hen. Mrs. T. D. Buckley, 4 ck, 4 pen. Dr. S. A. Bowman, 1 hen, 1 pul, 3 pen. J. C. White, 1, 3 ckl, 3 ck, 2 hen, 2 pul, 2 pen.

S. C. R. I. Reds.—John Brown, 3 ck. Jas. R. Davis, 1 hen. Miss Rose Wallace, 2 pul. C. W. Hicks, 4 ck. J. A. Dinwiddie, 2 hen, 4 ck, 4 pen. Thos. E. McLean, 4 ckl. Sam M. Cooper, 2 pen, 2, 3 ckl. Mrs. R. P. Williams, 2 ck. E. E. Ellsworth, 1 ck, 3 hen, 3 pen, 4 pul. Wade Hampton, 1 ckl, 1, 3 pul, 4 hen, 4 pen.

R. C. R. I. Reds.—Mrs. A. S. Crawford, 4 pul, 3 ckl. Mrs. M. E. Clapp, 4 ck. O. H. C. Rodgers, 3 ck, 2, 3, 4 hen, 2 pen. Wade Hampton, 2 ck, 2, 3 hen, 1 pul. Will A. Hale, 1 ck.

S. C. B. Leghorns.—Portwood Bros., 4 pul. J. W. Finger, 4 ck. Jno. E. Jennings, 2 ck, 2, 3, 4 pul, 1 hen, 4 pen. Stuart & Luttrell, 2 ck, 4 pul. E. E. Carter, 1, 4 ck, 1 hen, 2 ckl, 1, 3 pen. H. T. Boyd, 3, 4 hen. J. H. Henderson, 1 ckl, 2 hen, 4 pul, 2 pen. E. W. Staebler, 3 hen. Fred H. Cook, 4 pul. M. S. Copeland, 2, 3, 4 ckl, 2 hen, 3, 4 pul, 1 pen.

R. C. Brown Leghorns.—C. W. Hicks, 1 ckl, 2 pul.

S. C. W. Leghorns.—S. B. Maire, 2, 3 pul, 4 pen. J. A. Dinwiddie, 3 ckl, 2 hen, 3 pul. Wilber Bros., 1, 3 hen, 4 ckl, 4 pul. Jas. A. Wilson, 1, 4 ckl, 3 pul, 3 pen. T. D. Smith, 1, 2 ck, 3 ckl, 2 pen. W. M. Pierce, 1 pul, 2 ckl. John F. Childress, 4 ck, 4 hen. A. J. Lawson, 4 ck, 1 ckl, 3, 4 pul, 1 pen. Mrs. R. H. Bell, 4 hen.

R. C. W. Leghorn.—S. M. Cooper, 1, 2 ck, 1, 2, 3, 4 ckl, 1, 2, 3, 4 hen, 1, 2, 3, 4 pul, 1, 2, 3 pen.

R. C. Black Minorcas.—I. W. Lovejoy, 2 ckl, 4 pul, 2 pen. F. E. Demarcus, 1 ckl, 3 pen. I. O. Lewis, 1, 2, 3 pul, 3, 4 ckl, 1 pen. Mrs. R. B. Beeler, 1 ck, 1 hen, 4 pen. H. A. DePue, 1 ckl.

S. C. Black Minorca.—Mrs. Geo. W. Miller, 4 hen. G. H. Ledford, 1 ck, 2 ckl, 3 hen, 4 pul, 2 pen. Fred E. Carter, 1 ckl, 1, 2 hen, 1, 2, 3 pul, 1 pen. C. N. Bentley, 2 ck, 3 ckl, 3 pen. W. D. Harrill & Co., 4 ckl, 4 pen.

S. C. White Minorcas.—W. B. Irwin, 2 ck, 3, 4 hen, 3 pen.

S. C. Buff Orpingtons.—Frank S. Patton, 3 ck, 4 pen. Mrs. Marvin Ford, 4 pul. W. W. Newberry, 1, 4 ckl, 4 ck, 2, 3 pen. Mrs. Geo. W. Miller, 1, 3 pul. L. S. McGehee, 2, 3 ckl. A. C. Cochran, 1 ck, 2 ckl, 1, 2, 3, 4 hen, 1 pen. W. B. Sloan, 2 pul.

S. C. Buff Leghorns.—Mrs. E. E. Burkhardt, 1 ckl, 1 pul.

B. Longshans.—T. C. Adams, 1 ckl, 1, 2, 3 hen, 1 pen, 1, 2, 3 pul. Mrs. Lila C. Burke, 4 hen. H. C. Austin, 1 ck, 4 pul, 2 pen.

Houdans.—T. W. McCarty, 1 ck, 1 ckl, 1, 2 hen, 1, 2 pul, 2 pen. John A. McMillan, 2 ckl, 3, 4 pul, 3 pen.

Pit Games.—W. H. Sieknecht and J. T. Hays, 1 hen, 1, 3 ckl, 2 pen. W. M. Goodman, 1, 3 ck, 1, 4 pul. Luther Wright, 2, 3, 4 hen, 2 ckl, 1 pen. J. A. Dunn, 2 ckl. P. D. Conner, 2 pul, 3 ck, 4 ckl, 3 pen. C. C. Jones, 4 ck.

Cornish Indian Games.—Wm. Tinker, 1 ck, 1, 2, 3 pul, 1 hen, 1 pen. D. L. Karnes, 1 ck, 4 pul, 4 pen.

Bantams Game.—Grace Kimmell, 1 ck, 1 ckl, 1, 3 hen.

Mammoth B. Turkeys.—Miss Ona Waters, 1 pul. Mrs. J. Stakley Susong, 4 ck, 4 hen. Mrs. R. B. Beeler, 2 ck, 2 hen. Mrs. W. J. pul. Mrs. J. Stakley Susong, 4 ck, 4 hen. Landess, 1 ck, 1 hen. Mrs. H. J. Ijams, 3 ck, 3 hen.

W. Holland Turkeys.—M. S. McClellan, 1 ck, 3 hen. A. S. Bell, 1 ck, 1, 2, 4 hen, 1 pul.

English Pheasants.—Boynton Hale.



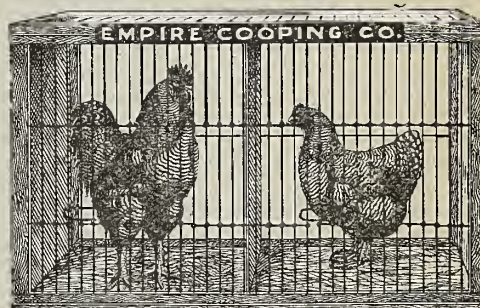
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 Industrious Hen Silver Loving Cup, offered for best general exhibit, Sam M. Cooper.
 Industrious Hen Silver Loving Cup, offered for best exhibit American class, Mrs. W. R. Madden.
 Industrious Hen Silver Loving Cup, offered for best exhibit in Mediterranean class, S. M. Cooper.
 Largest exhibit by non-resident, Oaklawn Farms.
 Highest scoring pen in show, T. C. Adams.
 S. C. R. I. Red Club Cup, won by Wade Hampton.
 \$25.00 Silver Cup, offered by East Tenn. Poul. Assn. on S. C. Brown Leghorns, won by E. E. Carter.
 \$25.00 Silver Cup, offered by American S. C. Brown Leghorn Club, to member making best display, E. E. Carter.
 \$10.00 Silver Cup, offered by American S. C. Brown Leghorn Club, through its secretary, 10 highest scoring birds, Jno. E. Jennings.
 Silver Cup offered by Nat'l. S. C. W. Leghorn Club, for 10 best S. C. W. Leghorns, A. J. Lawson.
 Silver Cup offered by Nat'l. S. C. Buff Orp. Club, won by A. C. Cochran.

The Great Nashville Show.

The show just closed was one of the largest and best ever held in the Capital City. Thousands of visitors flocked there to see the thousands of beautiful birds and they were not disappointed. Everything that could be done was arranged for the comfort and convenience of the visitors, and the management was exceedingly fortunate in having few complaints. General Secretary John A. Murkin is being praised on every hand for the signal success attained, and we are under obligations to him for the following list of awards furnished:

Barred Plymouth Rocks.—Roger V. Harp, 1 ck, 4 hen, 4 pul. J. W. Gregg, 4 ck, 2 pen. W. J. Landess, Fayetteville, Tenn., 3 ck. J. W. Longhurst, Nashville, 2 ck. George W. Price, Charlotte, N. C., 3, 4 ckl, 3 hen, 1 pul. J. T. Davis, Lewisburg, Tenn., 1, 2 hen, 1, 2 ckl, 5 ck, 5 hen, 2, 3, 5 pul, 1, 3 pen.

White Plymouth Rocks.—George E. Mann, Nashville, 1 ckl 5 pul, 4 pen. Mrs. Hiram Knox, 2 ck, 1, 3 hen, 1, 3 pul, 2, 3 ckl, 1, 3 pen. Geo. E. Price, Charlotte, N. C., 3, 4 ck. Eastland Poultry Yards, 1, 5 ck, 5 ckl, 2, 4, 5 hen, 2, 5 pens.

White Leghorns.—Fred Axley, Sweetwater, Tenn., 5 pen. Norton Poultry Farm, 1, 2 ckl, 4, 5 hen, 1 pen. Mrs. Florence Forbes, 4, 5 ck, 5 ckl. Geo. Knebal, 3, 4 pen. Howell Sanders, Murfreesboro, Tenn., 1 ck, 4 pul. John R. Milligan, Louisville, Ky., 2 ck, 3, 4 ckl, 1, 2, 3 hen, 1, 2, 5 pul, 2 pen. R. S. Hopkins, Columbia, Tenn., 3 ck, 3 pul.

S. C. Rhode Island Reds.—Mrs. J. T. Cooley, Waverly, Tenn., 3 pen. J. H. Stetson, 3 ck. E. D. Patton, Watertown, Tenn., 2 ck. Mrs. K. C. Flannigan, Hohenwald, Tenn., 5 pul. Dr. J. C. Ward, 2 ckl, 3, 4 pul. Mrs. B. F. Hamlett, 2 pen. Frank Langford, Nashville, 1 ck, 1, 3 ckl, 1, 2 pul, 1 hen, 1 pen. W. H. Lane, Gallatin, 2 hen, 3 pen.

R. C. Rhode Island Reds.—E. W. Allen, 2 pen, 3 ckl. J. B. Harris, 1 pen. James Gibson, 1, 2 ckl, 1, 2 hen, 1, 2 pul. Wilbur Crutcher, 3 hen. Mrs. D. C. Williams, 3, 4 pul, 1, 2 ck.

S. C. Brown Leghorns.—Mrs. Florence Forbes, 1, 2, 3 ck, 1, 2, 3 hen, 1, 3 pul, 1 pen.

Pit Games.—Robt. N. Houston, 5 ck, 2 hen, 4 pul. Findley & Brown, 1 hen, 3, 4, 5 hen, 2, 3, 4, 5 ckl, 1 pul, 1 pen. Frank Gillespie, 1, 3 ck, 1 ckl, 2, 3 pul, 2 pen.

Black Orpingtons.—E. M. Morton, 3 hen, 4 pul, 5 pul. O. A. Bogardus, 1 hen, 2 hen, 1 ck, 1 ckl, 3 ckl, 1 pul, 2 pul. Park Poultry Pens, Nashville, Tenn., 3 pul, 1 pen.

Buff Plymouth Rocks.—Mrs. Milton W. Chennault, 1 ck, 1 pul.

Light Brahmas.—Frank L. Smith, 1 ckl, 1 pen.

W. F. Black Spanish.—B. F. Wood, 1 ck, 1, 2 pul.

Single Comb Black Minorcas.—Mrs. W. S. Porter, Nashville, Tenn., 1 ck, 2 pul, 3 pul.

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J. C. Vaughn, 2 ckl, 1 pul. C. H. Ledford, Atlanta, Ga., 4 hen, 4 ckl, 2 pen. J. B. Sander, 1 ck, 3 ckl, 1, 2, 3 hen, 1 pen.

Black Langshans.—W. H. Cochrane, Bristol, Tenn., 1, 2 ck, 1, 2 ckl, 1, 2, 4 hen, 1, 3 pul, 1 pen. Geo. P. Sweeney, 3 ck, 5 ckl, 2, 3 pen. J. P. Boullen, 4 ckl, 3 hen, 2 pul. Mrs. H. A. Wiley, 4 ck, 4 pul. Frank Noble, Nashville, 3 ckl, 5 pul.

Buff Orpingtons.—Roger V. Harp, 5 ck, 2 hen, 3 ckl, 1 pul. C. C. Redman, 5 pen. H. C. Lyle, 4 ckl. O. A. Bogardus, 3, 4 ck, 3 hen. J. Rye Morris, 2 ck, 3 pul. Miss Nellie Cheaney, 1 ck, 1, 2, 5 ckl, 4 pul. Mrs. E. W. McClelland, 2 pul, 2 pen. Dr. R. A. Harrington, 1 hen, 4 pen. Mrs. Charles Sanders, 1 pen. J. C. Dennie, 4, 5 hen, 3 pen. Mrs. Hamilton, 5 pul.

Silver Wyandottes.—J. A. Muecke, Jr., Kingston, Tenn., 1, 2 hen, 1 pen, 4 ck, 3 pul, 5 ckl. Blue Blood Poultry Farm, Charlotte, N. C., 1, 5 ck, 1, 2, 4 ckl, 1, 2, 4, 5 pul. J. W. Criswell, 4 pen. Byrd Bros., 2, 3 ck, 3, 4 hen, 3 ckl, 2, 3 pen.

S. C. White Orpingtons.—E. M. Morton, 1 ck, 1, 2, 3 hen, 1 pul.

Golden Wyandotte.—C. H. Donoho, 1 ck, 2 hen, 5 ckl, 4 pul. J. H. McDaniel, 2 ckl, 4 hen, 3 pul. Charles Ganes, 2 ck, 1, 3 pen, 1 ckl, 2, 5 pul, 2 pen. J. C. Tunnell, 3 ckl, 4 ckl, 1 pul, 1 pen. Thomas G. Lehart, 5 hen.

Buff Wyandottes.—R. C. Richey, 2 ck, 4 pen, 2 ckl, 2 pul, 2 pen. W. G. Griffin, Bristol, Tenn., 3 ck, 3 hen, 4, 5 ckl. M. B. Mallory, 1 ck, 1, 2 hen, 1, 3 ckl, 1, 3 pul, 1 pen. Mrs. B. F. Hamlet, Port Royal, Tenn., 4, 5 pul, 3 pen.

S. C. Buff Leghorns.—A. A. Spier, 1 ck, 1 4 hen. Frank Noble, 1, 3 ckl, 2 ck, 1, 3, 4, 5 pul. Mrs. Ethel Young, 2, 3 hen, 2 pul, 3 ck, 5 hen, 4 ckl, 1 pen.

Columbian Wyandottes.—J. H. McDowell, 3 ckl, 5 pul, 1 hen. James M. Butler, Murfreesboro, Tenn., 1, 2 pul, 2 ckl. Mrs. Lou Lusky, Nashville, 1 ckl, 2 hen, 3, 4 pul.

Buckeye Reds.—E. F. Trimble, 1 ckl, 1 hen, 1, 2 pul.

Partridge Wyandottes.—Mat Murray, 2 ck, 1 ckl, 1, 2 hen. E. L. Davis, Tullahoma, Tenn., 1 ck, 2, 4 ckl, 3, 4, 5 hens, 1, 2, 3 pul, 1 pen.

R. C. Brown Leghorns.—Henry B. Darden, 1 ckl, 1, 2, 3 pul. W. B. Sapp, 1 pen.

Silver Gray Dorkings.—J. H. Crouse, 1 pen.

Muscovy Ducks.—Mary Tom Walker, 1 ckl, 1 pul.

Ananas.—Blue Blood Poultry Farms, Charlotte, N. C., 1, 2 ckl, 1, 2, 3, 4 hen, 1, 2, 3 4 pul.

Rouen Ducks.—Mrs. Lou Lusky, Nashville, 1, 2 ckl, 1, 2 pul.

Lakenvelders.—Blue Blood Poultry Farms, Charlotte, N. C., 1, 2 ck, 1, 2, 3, 4, 5, hen, 1, 2, 3, 4, 5 hen, 1, 2, 3, 4, 5 pul.

Rase Camb Buff Orpingtons.—Blue Blood Poultry Farm, Charlotte, N. C., 1 ck. Mrs. W. C. Yarbrough, 1 ckl, 1 pul.

Pekin Ducks.—Dr. J. S. Ward, 2 ckl, 1 hen, 1 pul. W. B. Jenkins, 2 hen, 3, 4 pul, 1 ckl, 1 pen. J. C. Dennie, 3 ckl, 2 pul. Clarence Shacklett, 3 hen.

Buff Turkeys.—J. Virgil Cawthorn, 1 ck, 1 hen.

Silver Spangle Hamburgs.—A. C. Dale, Jr., 1 ck, 1 hen, 1 ckl, 1 pul.

Emblen Geese.—Miss Nora Wright, Hendersonville, Tenn., 1 ckl, 1 pul. E. F. Trimble, 1 ck, 1 hen.

Toulouse Geese.—J. M. Gresham, 1 'ck, 1 hen.

White Crested Black Polish.—I. F. Beaty, 1 pul.

White Holland Turkeys.—W. V. Thompson, 1 ck, 1 hen, 1 ckl, 1 pul.

Golden Seabright Bantams.—J. T. Davis, Lewisburg, Tenn., 1 ck, 1, 2, 3, 4 hen, 1, 2, 3, 4 pul.

Black Tail Japanese Bantams.—E. B. Irvan, 1 ck, 1 ckl, 1 hen, 1 pul.

Buff Cackin Bantams.—W. B. Lincoln & Son, 1 ck, 1, 2 ckl, 1, 2 hen, 1, 2, 3, 4, 5 pul.

Bourban Red Turkeys.—Mrs. G. E. Jameson, 1 ck, 1 ckl, 1, 2, 3 pul.

Silver Duckwing Bantams.—Alex G. Hunter, Jr., 1 ck, 1, 2 hen.

Mommath Bronze Turkeys.—Mrs. Milton W. Chenault, 5 hen. W. H. Carpenter, 2, 5 ckl, 3 hen, 2 pul. John Barber, 1 ck, 3 ckl, 4 pul, 2 pen. W. I. Gresham, 5 ck. Mrs. W. J. Landess, Fayetteville, Tenn., 2, 4 ckl, 5 pul. Mrs. J. J. Rucker, 3 pen. Mrs. Enoch Brown, 1 pen, 3 pul. Mrs. W. Y. Taylor, 2 hen, 1 ckl, 1 pul. Mrs. W. G. Stewart, 4 hen. J. M. Gresham, 1 hen, 4 ck.

Spectis.—American Poultry Association gold medal for best cockerel in American, Asiatic, Mediterranean and English breeds: Geo. A. Mann. A. P. A. silver medal for best cockerel in American and in Asiatic classes. W. H. Cochrane, Bristol, Tenn., A. P. A. silver medal for best cockerel in Mediterranean class. Norton Poultry Farm, A. P. A. medal

for best cockerel in English class. A. P. A. diplomas were awarded Park Poultry Pens, A. C. Dale, A. G. Hunter, Jr., J. T. Davis, Mrs. W. G. Taylor, Miss Mary Tom Warner and Miss Nora Wright.

Other Specials Were:—Best pen Barred Rocks, J. T. Davis, Lewisburg, Tenn.; pen White Wyandottes, E. L. Doak, Nashville; pen Silver Wyandottes, J. A. Muecke, Jr., Kingston, Tenn.; pen Black Langshans, W. H. Cochrane, Bristol, Tenn.; pen S. C. Brown Leghorns, Mrs. Florence Forbers; pen S. C. White Leghorns, Norton Poultry Farm; pen Buff Orpingtons, Mrs. Charles Sanders; pen Black Minorcas, J. B. Sanders; pen Rhode Island Reds, Frank Langford, Nashville; pen Light Brahmas, Frank L. Smith; White Rock cock, Eastland Poultry Yards; White Rock cockerel, George A. Mann; White Rock hen and pullet, Mrs. Hiram Knox; White Wyandotte hen, Sam Davidson; White Wyandotte cock and cockerel, Mrs. W. R. Luke, Nashville; White Wyandotte pullet, E. B. Irvan; display Pekin Ducks, W. B. Jenkins; display turkeys, W. H. Carpenter; pen Black Orpingtons, Park Poultry Pens, Nashville.

Tennessee State Fair Special.—For best hen in show, Mrs. Hiram Knox; silver cup for display of Bantams, W. B. Lincoln & Son, Nashville; silver cup for display one variety, W. H. Cochrane, Bristol, Tenn.; silver cup for best pen S. C. Rhode Island Reds, Frank Langford, Nashville; National Rhode Island Red Club cup and Rhode Island Red Club of America, silver cups to Frank Langford for pen S. C. Rhode Island Reds; White Wyandotte National Club silver cup to Mrs. W. R. Luke, Nashville; best six Pit Game cocks, Frank Gillespie; six Pit Game cockerels; largest display Pit Games, six Pit Game hens, Finley & Brown; best Pit Game cock in the show, best Pit Game stag in show, Frank Gillespie.

The Cedar Heights Poultry Farm, Mrs. Lou Lusky, manager, made some beautiful winnings as the list will show. See the ad of this popular farm and read the wonderful winnings of a season. Mrs. Lusky is not only an excellent judge of the feathered tribe but a thorough business woman who understands the wants of her customers and who will please them at all hazards.

Langford's Ideal S. C. Rhode Island Reds

have a national reputation. They win everywhere and every lover or breeder of the famous red beauties wants his stock. Look at this: *First prize cockerel at Modisan Square Garden, New York*, with the greatest Red competition in the world. At the Greater Nashville show, Jan. 6 to 11, 1908, he won 1 ck, 1 hen, 1, 3 ckl, 1, 2 pullets, 1 pen and three silver cups. Get up early Mr. Red breeder, crow long and loud, and then get up and crow again, and again and—look out for Langford—he's here.

The Blue Blood Farm, George E. Price, owner, Charlotte, N. C., led the old North State in winnings. He had a string of 84 birds, won 52 prizes straight, and 6 specials—altogether 92½ yards of blue and considerable of the variegated colors. Eleven prizes on 12 entries in S. L. Wyandottes; 20 prizes on 29 Lakenvelders; 10 prizes on 10 Ancons; 4 prizes on 16 B. P. Rocks; 3 on 11 W. P. Rocks; and 4 on 6 Buff Orpingtons. At Jamestown Mr. Price won 6 1sts, 6 2nds, 4 3rds, 3 4th, 1 5th, and silver cup on fine breeds exhibited.

Mr. R. M. Dudley, of the Gray and Dudley Hardware Company, who was elected president of the Tennessee Mammoth Bronze Turkey Club, will take an active interest in promoting and advancing the turkey interests of the state, which, with proper attention, can be made one of the most profitable interests of our farming pursuits. All Mammoth Bronze Turkey Breeders who wish to become identified with this association should address Mr. W. J. Landess, of Fayetteville, Tenn.—Nashville Banner.

Everyone is praising General Secretary John A. Murkin for the capable manner in which he has handled the show, and Show Secre-

"SEIGFRIED"

The grandest champion Buff Orpington ever shown. Always wins! Has produced a strain of Blue Winners and Heads a pen of prize winners containing Madison Square Garden winners, which will win again. Young stock and eggs from this pen for sale.

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We have stocked our farm with the best stock money can buy regardless of price, from America's best breeders. Breeders who win everywhere, regardless of competition, and we are going to supply our customers as an introduction, with eggs this season. S. C. W. Leghorn, \$1.50 and \$2.00 per 15, or \$3.00 per 100. S. C. Buff Orpington, \$2.50 per 15, or \$12.00 per 100. And positively guaranteed fertile and satisfactory. If bought from other Breeders would cost you from \$3.00 to \$5.00 per sitting. If you want eggs from good stock please give us a trial. We can sell a few bargains in stock this season. Order direct from this ad, or write to

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WHITE AND BLACK LANGSHANS

I will give \$3 for highest scoring cockerel and \$2 for second, raised from eggs bought of me in 1908 to be exhibited at the Knoxville Show 1909. Eggs \$3 and \$5 per setting of 15. A few more fine birds yet for sale.

S. C. BLACK MINORCAS

TRAP NESTS
Nothing but the best birds used in my breeding pens. Orders booked now. Ship safely any distance. Satisfaction guaranteed. Write for circular and mating list. Eggs from best pens \$2.00 for 15; other pens (fine), \$1.50 for 15.

HILLCREST POULTRY FARM,

BARRED PLYMOUTH ROCKS

DOUBLE MATING

R. C. McCANTS,
Ninety Six, S. C.

tary E. L. Doak, President Charles Longhurst, and other officials have been untiring in their efforts to make everything run smoothly. In fact this show is voted the one best yet in the brief yet eventful history of the Tennessee State Poultry Breeders' Association.—Nashville Banner.

Mrs. Lou Luskey, the enterprising manager of the Cedar Heights Poultry Farm, Nashville, Tenn., won at the State Fair on Langshans, 2 ckl, 2, 3 pul, 2 pen. M. B. Turkeys, 2, 3 pul, 2, 3 hen. 1 Brahmas, 2, 3 pul. At the greater Nashville Show, December, 1907, on Columbian Wyandottes, 1 pen, 2 ckl, 1, 2, 3, hens, no cks entered. On one turkey tom entered won 2 tom. On six pairs of Homer pigeons won six ribbons—3 firsts, 2 seconds and 1 third. At Nashville show won on Columbian, 1, 4 ckl, 2 hen, 3, 4 pul, on six single entries. Rouen Ducks, 1, 2 ckl, 1, 2 pul.

Asheville, N. C., Show.

With about a month's start the Asheville Association got up a remarkably good show. With such hustlers, as Lord and Cain and the Campbells it was bound to be a success. It's a good sign when you see the president with coat off and sleeves rolled up, working hard. Over 300 birds were shown. B. P. R. lead with S. B. Davis making a clean sweep. S. C. Brown Leghorns were a close second. E. E. Carter, Mrs. Campbell and Longbottom won all the firsts.

Rhode Island Reds were fair. Buff Leghorns, a good number, some fine quality, too. Mrs. Campbell and Longbottom were the leaders. Golden Wyandottes of superior quality, Lord an easy winner. Good Minorcas, White Leghorns, Biltmore Farms, a sweep. The feature of the show was the superior excellence of Columbian Wyandottes shown by H. E. Cain, by far the best we have seen, better than those at Jamestown or Nashville, good shape with clear color, black and white beautifully contrasted. These birds ought to be heard from. The Association provided new coops, the best of attention and fine prizes. A well lighted hall and good attendance made a successful show. The management is to be congratulated. Asheville is so situated that it should easily be the leading show town of North Carolina.

Barred Rocks.—B. S. Davis, Charlotte, N. C., 1 ck, 1, 2 ckl, 1, 2, 3, 4 hen; 1, 2, 3, 4 pul, 1 pen. Biltmore Farms, Biltmore, N. C., 2 ck, 2, 4 pen. F. Stikeleather, Jr., Asheville, N. C., 3 ck, 3 pen, J. H. Fleming, Warren Plains, N. C., 4 ckl, 4 pen.

White Rocks.—Biltmore Farms, Biltmore, N. C., 1 ck, 1, 2, 3, 4 hen.

Buff Rocks.—A. E. Stevens, Black Mountain, N. C., 1 ck, 1 hen.

Silver Wyandottes.—F. M. Stevens, Biltmore, N. C., 2 ckl, 1, 2, 3 hen.

Columbian Wyandottes.—H. E. Cain, Asheville, N. C., 1 ck, 1 ckl, 1, 2, 3 hen, 2, 3, 4 pul, 1 pen. H. D. McCain, Asheville, N. C., 2 ckl, 1 pul.

Golden Wyandottes.—W. H. Lord, Asheville, N. C., 1 ck, 1 ckl, 1, 2, 3 pul, 1 pen. Master Anthony Lord, Asheville, N. C., 3 ck. F. Stikeleather, Jr., Asheville, N. C., 2 ck, 2, 4 pul, 2 pen.

White Wyandottes.—H. D. McCain, Asheville, N. C., 1 ck, 1 ckl, 1, 2, 3 pul, 1 pen.

CEDAR HEIGHTS POULTRY FARM

Columbian Wyandottes	Eggs \$5.00
Mammoth B. Turkeys	6.00
Toulouse Geese, each	75
Black Langshans	3.00
Rouen Ducks	3.00
Homer Pigeons—Prize Winnings.	

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ville, N. C., 1 ck, 1 ckl, 1, 2, 3 hen, 1, 3 pul.

White Wyandottes.—A. E. Stevens, Black Mountain, N. C., 3 ckl, 2 pul. B. A. Viniarski, Asheville, N. C., 4 hen, 4 pul.

Buff Leghorns.—R. F. Longbottom, Asheville, N. C., 3 ck, 2, 3 hen, 2 pul, 2 pen. Mrs. C. M. Campbell, Asheville, N. C., 2 ck, 1, 2 ckl, 1, 4 hen, 3 pul, 1, 3 pen. Harry Rowe, Asheville, N. C., 2 ckl, 1, 4 pul.

S. C. Brown Leghorns.—R. F. Longbottom, Asheville, N. C., 3 ck, 2 ckl, 1, 4 hen, 2 pen. Mrs. C. B. Campbell, Asheville, N. C., 1 ck. E. E. Carter, Knoxville, Tenn., 2 ck, 1 ckl, 2, 3 hen, 1, 4 pul, 1 pen. W. A. Pursley, Biltmore, N. C., 3 ck, 2, 3 pul. S. P. Mears, Asheville, N. C., 4 ck.

R. C. Brown Leghorns.—H. D. McCain, Asheville, N. C., 1 ck, 1 ckl, 1 hen, 1 pul.

White Leghorns.—Biltmore Farms, Biltmore, N. C., 2 ckl, 1, 2 hen, 1 pen. B. A. Viniarski, Asheville, N. C., 1 ckl, 1, 3, 4 pul, 2 pen.

Black Minorcas.—C. H. Ledford, Atlanta, Ga., 1 ck, 1, 4 ckl, 1, 4 hen, 2, 4 pul, 1 pen. W. V. Felmet, Asheville, N. C., 2 ckl, 3 hen. Fred E. Carter, Knoxville, Tenn., 3 ck, 2 hen, 1 pul.

Buff Orpingtons.—Fred Rutledge, Asheville, N. C., 1 ck. H. D. McCain, Asheville, N. C., 2 ck, 1, 2 hen.

R. C. R. I. Reds.—H. S. Weeks, Asheville, N. C., 2 ckl, 2 hen. S. C. Alexander, Asheville, N. C., 3 ck, 2 pul.

S. C. R. I. Reds.—W. B. Greene, Asheville, N. C., 1 ck, 1 hen. J. W. C. Deake, Asheville, N. C., 2 ck, 1, 2, 3 ckl, 2, 3 hen, 3, 4 pul, 1 pen. W. J. Trent, Asheville, N. C., 3 ck, 4 hen.

C. I. Games.—H. D. McCain, Asheville, N. C., 1 ck, 1 hen.

B. B. Red Games.—Ernest McDowell, Asheville, N. C., 1 ck, 1 hen.

Pit Games.—Homer Cathey, Skyland, N. C., 1, 2, 3, 4 ck.

Pekin Ducks.—Jos. Veight, Asheville, N. C., 1 drake, 1 duck.

Turkeys.—O. L. Mimms, Swannanoa, N. C., 1, 2 tom, 1, 2 hen.

B. C. Bantams.—Mrs. H. E. Cain, Asheville, N. C., 1 ck, 1 ckl, 1, 2, 3 hen.

One of the leading features of the Asheville show was Wm. H. Lord's display of Golden Wyandottes; they were good in shape, well up in size and beautiful in color. When well bred, like these, a handsomer fowl is hard to find. Mr. Lord made a clean sweep in a good class. We expect him to be heard from at other shows.

The best Columbian Wyandottes we have seen for many a day were shown at Asheville by H. E. Cain. They were good shape and beautifully marked. His breeding shows a remarkable advance with these beauties so hard to get just right.

Bristol, Va.-Tenn. Show.

This show was a great success, as fine a display as most of the so-called greater shows. Its success was due to the continuous work of W. H. Cochrane, secretary, ably assisted by President Adams and Superintendent Griffin. Nearly 800 fowls were shown, many from other states, with nearly 80 owners represented. The attendance was better, too.

R. I. Reds led with nearly 80 entries, some extra good birds, mostly not in show condition, not groomed. Black Langshans next. At Bristol are, I believe, the best birds in the United States, they proved it at Jamestown. It was the old fight between Cochrane and the Adams Bros., with quarter points between 1sts and 2nds. This show was notable for the great display of Buff fowls, Buff Orpingtons, good ones, too. Mrs. Miller of Russellville was a winner. Buff Wyandottes a large class, Griffin and Andes in the lead. Buff Leghorns, a clean sweep and two cups for R. P. Adams of Lynchburg, Va. Partridge Wyandottes come next with Bowman of Johnson City leading; next came B. P. R. and White Leghorns. In Reds the contest was a hot one with Johnson City in the lead. Ellsworth won six prizes, 1st hen; Jackson, 3, 1st pullet. Sam Cooper did nobly for Knoxville with 5 prizes, 1st ckl and 1st pen; for Bristol, W. W. White got 1st ck and 2nd hen; while Virginia was represented by Dr. Bullington's and Miss Preston's winners. The manage-



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Germozone cures Roup, Cholera, Colds, Chicken Pox and all such ailments. Fowls like it. One trial will show you how it will save you money. Either tablet or liquid form. 50 cts., at your dealer's, or direct from

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45 BREEDS BEST POULTRY

Fine book illustrates and tells all about poultry, feeding, care, diseases, our big premium offer. Low price for stock and eggs. Best way to rid poultry of lice, make money, etc., only 10c. **JOHN E. HEATWOLE, Harrisonburg, Va.**

BUFF ORPINGTONS, S. C. BLACK MINORCAS

BLUE BLOODED, FARM RAISED, PRIZE WINNING, MONEY MAKERS.

The fowls for eggs, for meat, for general purposes. Won in Buffs, 1st cock, 1st ckl., 1st and 2nd hen. In Minorcas, 1st and 2nd hen at Morristown show; Owen, judge. My fowls are great egg producers, lay when eggs are scarce. They are full of vigor, vitality and vim. Eggs, Orpington, \$2.50. Minorcas, \$2.00, a setting.

MR. AND MRS. GEORGE MILLER

HILL TOP POULTRY FARM, R. 2.

Russellville, Tenn.

BEGIN YOUR ADVERTISING IN FEBRUARY ISSUE

Ads in THE HEN have sold thousands of dollars worth of eggs and poultry for others—it will do it for you. You are not too late to begin now.

ment was fine; Griffin's work was smooth and all were well pleased with Judge Simmons' work. Following is a list of winners who ad-work. Following is a list of the winners:

Barred Rocks—J. A. Daniels, Bristol, Tenn., 1st cock; 2nd hen; 2nd pen.

Mrs. G. H. Dugdale, Roanoke, Va., 2nd cock; 3rd pullet; 3rd pen.

Buff Rocks—D. W. Jardine, Staunton, Va., 2nd ckl.; 3rd ckl.; 1st pullet; 2nd pullet; 4th pullet; 1st hen; 3rd hen; 2nd cock; 1st pen.

Buff Wyandottes—W. G. Griffin, Bristol, 1st hen; 2nd hen; 1st and 3rd ckl.; 3rd pullet; 1st pen and club ribbon specials.

M. D. Andes, Bristol, Tenn., 4th hen; 1st, 2nd, 4th pullet; 2nd pen; 2nd and 4th ckl.

Partridge Wyandottes—S. A. Bowman, Johnson City, Tenn., 1st cock; 1st hen; 1st pen; 1st pullet; 3rd ckl.; 2nd pullet; 3rd pullet; 4th pullet; 3rd pen.

D. W. Jardine, Staunton, Va., 2nd cock; 2nd hen.

Rhode Island Reds—N. W. White, Bristol, Tenn., 1st cock and 2nd hen.

E. E. Elsworth, Johnson City, Tenn., 2nd cock and 3rd cock; 4th hen; 1st hen; 2nd ckl.; 3rd pullet; 2nd pen.

F. S. Bullington, Richmond, Va., 4th cock.

M. Jackson, Johnson City, Tenn., 1st pullet; 3rd hen; 4th pen.

Sam M. Cooper, Fountain City, 1st ckl.; 4th ckl.; 2nd and 4th pullet and 1st pen.

Buff Cochins—Mrs. G. H. Dugdale, Roanoke, Va., 2nd and 3rd cock; 1st, 2nd, 3rd, 4th hen; 2nd ckl.; 2nd and 3rd pullet; 1st pen.

Black Cochins—All to W. M. Carroll, Lynchburg, Va.

Black Langshans—W. H. Cochrane, Bristol, 1st and 2nd and 3rd cock; 1st and 3rd ckl.; 1st and 3rd hen; 3rd and 4th pullet; 1st pullet and club ribbon specials.

J. C. Adams, Bristol, 1st pullet; 4th cock; 3rd pen.

T. C. Adams, Bristol, 2nd ckl.; 2nd pullet; 2nd hen; 4th ckl.; and 2nd pen.

Buff Leghorns—R. P. Adams, Lynchburg, Va., 1st cock; 1st, 2nd ckl.; 1st, 2nd, 3rd pullet; 1st, 2nd, 3rd hen; 1st pen. Special best exhibit in the Mediterranean class, and best general exhibit.

Brown Leghorns—J. D. Witt, Bristol, Tenn., 3rd cock; 2nd hen; 3rd pen.

Luke Dixon, Asheville, 3rd hen; 4th ckl.; 2nd pen.

White Leghorns—A. J. Lawson, Cleveland, Tenn., 3rd pullet; 2nd pullet; 1st pen; 3rd ckl.; 1st ckl.; 1st hen.

S. C. Black Minorcas—Fred C. Carter, Knoxville, Tenn., 2nd ckl.; 1st pullet.

G. W. Miller, Russellville, Tenn., 3rd pullet; 3rd hen; 3rd cock.

Buff Orpingtons—W. A. Tanner, Bristol, Tenn., 1st cock; 4th pullet.

G. W. Miller, Russellville, Tenn., 2nd cock and 2nd hen and 4th hen.

W. M. Newberry, Mountain City, Tenn., 1st and 3rd hen; 2nd and 3rd ckl.; 1st and 2nd and 3rd pullet; 1st and 2nd pen.

Pekin Ducks—All to J. D. Witt, Bristol, Tenn.

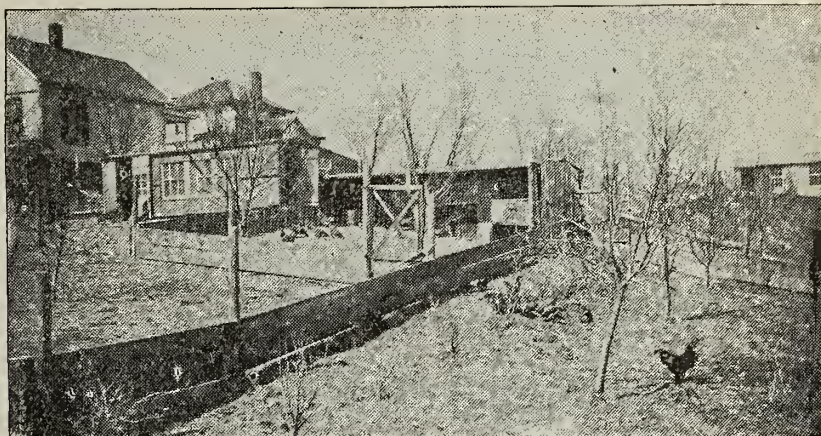
Bronze Turkeys—All to J. D. Witt, Bristol.

Silver Laced Wyandottes—J. A. Meucke, Jr., Kingston, Tenn., 2nd ckl.; 3rd hen; 4th hen; 2nd pen; 3rd pullet; 2nd hen; 2nd pullet.

At Bristol, the home of the best Black Langshans in this country, T. C. Adams is right at the top, and he has won wherever shown. Won at Jamestown and at Bristol in December. His birds are magnificent, he told us at Bristol that they did not look as well as they could because they had over-layed themselves. This is a cause for complaint which we would all willingly have. Mr. Adams cares for his birds personally, raises them on free range. He is a thorough gentleman. If you need Black Langshans you cannot do better than try him.

Robt. P. Adams of Lynchburg has as fine Buff Leghorns as we have seen, and he has a fine farm near Lynchburg where they have blue grass and free range and he won at Richmond on six entries, 2nd ckl.; 1st and 2nd hen; 3rd and 4th pullet; 1st pen. At Bristol, 1st ckl.; 1st and 2nd ckl.; 1st, 2nd and 3rd pullet; 1st, 2nd and 3rd hen; 1st pen; cups for best in Mediterranean; cups for best in show. If you want good Buffs give him a call.

It's not often one sees Buff Wyandottes of such quality as W. G. Griffin of Bristol, Tenn., showed at the Bristol show in December. In one of the largest classes there he won all the firsts but one. He raised all these winners and has sold this year other winners and he's got the buff all right.



A Partial View of Quality Hill Poultry Yards, where Bennett's Famous S. C. Rhode Island Reds are raised. F. A. Bennett, Canton, Ill.

Wilson's White Leghorns.

(Single Comb.)

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COCKERELS

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ORDERS BOOKED FOR SPRING DELIVERY. YARDS MATED FEBRUARY FIRST.

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OLIVER SPRINGS, TENN.


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BLUE RIBBON BUFF LEGHORNS

THEY WIN. THEY LAY. THEY PAY.

I believe I have the best Buff Leghorns in the South. They are buff to the skin, the best blood, farm raised, lay unusually well, the best for business or for show. They have won wherever shown. At Richmond, 2 firsts, 2nd, 3rd and 4th out of six shown. At Bristol, Dec. '07, four firsts, five other prizes, cups for best in Mediterranean class and Industrious Hen cups for best exhibit in whole show. Eggs, best matings, \$3 for 15; next best, \$2 per 15.

ROBT. T. ADAMS, R.F.D. No. 1. LYNCHBURG, VA.



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WHITE PLYMOUTH ROCK EGGS

I have a limited number of Cockerels and Pullets for Sale. They are farm raised; bred to lay, and do it. I am now offering eggs from prize winners \$2 per 15.

D. P. WALKER, Route 1, SWEETWATER, TENN.

HIGH CLASS SCOTCH COLLIE DOGS FOR SALE.

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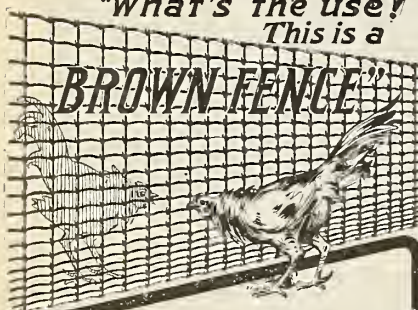
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NO MORE BONE CUTTERS NEEDED

WILL MAKE CHICKS GROW. VALUABLE BOOKLET FREE

100LB. BAG \$2.25 200LB. BAG \$4.00
ALSO SMALLER PACKAGES
BIG DISCOUNTS IN QUANTITIES

HEN-E-TA BONE CO.
NEWARK, N.J. DEPT. 6 FLEMINGTON, N.J.

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BROWN FENCE"**



Poultry Fence

BROWN HEAVY-WEIGHT POULTRY FENCE does not cost one-half as much as the common chicken netting, yet will last five times as long.

Size of Wires. The top and bottom wires are No. 9 gauge—same size as nearly all stock fences. Intermediate and stay wires in same proportion.

Quality of Wire. All material used in Brown Poultry Fence is best grade of High Carbon, Double Strength Spring Steel Wire. The Galvanizing is the heaviest and best possible. All wire is subjected to careful inspection and acid tests before being made into fence.

Construction. Very closely woven, and a sure protection against marauding animals. Your poultry is safe from everything when enclosed with Brown Fence. Built of material heavy and strong enough for horses and cattle. Wires cannot possibly slip.

Saving in Cost. With a No. 9 top and bottom wire you can save at least one-half the posts, and besides you require no top railing or bottom boards. These items alone usually cost more than the fence.

Price. Our prices are less than common netting costs. We pay the freight and guarantee safe delivery to your nearest railway station.

Guarantee. We guarantee every rod of our Poultry Fence. Every customer who buys this fence and does not find it entirely satisfactory and fully up to his expectations is at liberty to return the same at our expense.

Before buying Poultry Fence get our catalog and investigate the many superior qualities of our fencing. We have 14 styles of fencing—a fence for every purpose. Write today.

The Brown Fence & Wire Co.,
Cleveland, Ohio.

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B. P. R. CHICKENS BOTH OLD AND YOUNG

Stock for sale. Satisfaction guaranteed.
Winners whenever shown.

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PRIZE WINNING S. C.

Black Minorcas

A grand lot of choice exhibition stock and egg producers for sale, including an especially fine lot of standard weight cockerels for all purposes. TRY ONE to mate with your flock and notice the increase in egg production.

Am ready to book orders now for eggs from five grand matings for hatching.

State your requirements plainly and I will quote you rock bottom prices on high class stock.

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Member Am. Minorca Club and Am. Poultry Association.

Pembroke, Ky., Show.

The Second Annual Exhibit of the Pembroke Poultry Association held last month numbered about 300 birds.

Judge D. T. Heimlich scored the fowls, and he pronounced the great majority of them of very high quality and stated that he noted a very decided improvement in the quality of this year's exhibits over the one last year. This shows the good results of the poultry show. As long as fowls are to remain in the back yard-people, generally, are not so particular as to the quality, but when it comes to exhibiting them to public gaze, everybody wants a high quality, and this is just as easy to acquire as the old dung-hill. The prize winners in the exhibition follows:

B. P. Rocks.—Mrs. D. C. Williams, 1, 2 hen. C. L. Daniel, 1, 2, 3 ckl, 1 ck, 3 hen, 1 pen.
W. P. Rocks.—Mrs. W. A. Dickinson, Trenton, 1, 2, 3 pul, 1, 2 ck, 1 pen. C. R. Hancock, 1 ckl, 1, 2, 3 hen, 2 pen.
White Wyandottes.—Mrs. Geo. Mimms, 1, 2 ckl, 1, 2 ck, 1, 2, 3 pul, 1, 2, 3 hen, 1 pen.

A Suggestion for Christmas

Mandy Lee



Christmas is a good time to get that "Mandy Lee" Incubator and Brooder you've been promising to get for so long.

What better present can you give the Wife, Daughter, or Son, than one or both of these splendid machines? They are the highest type of chicken machinery ever invented, with more individual and desirable features than any other on the market. Our handsome new catalog describes them in detail. We'll send it free with several other valuable poultry books, if you will write today and ask for them. Address

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Silver Wyandottes.—L. S. Oliver, 1, 2, 3 pul, 1, 2 ckl, 1 pen.
Golden Wyandottes.—Mrs. R. L. Boyd, 1, 2, 3 pul, 2 ckl, 1 pen. Upshaw Buckner, 1 ck, 1 ckl.
S. C. R. I. Reds.—George Long, 1, 2 ckl, 2 pen. Wm. Henry Abbott, 1 ck, 1, 3 pul, 1 pen. George Lackey, 2 ck, 2 pul.
R. C. R. I. Reds.—Mrs. D. C. Williams, 1, 2, 3 pul, 1, 2, 3 ck, 1, 2 ckl, 1 hen, 1 pen.
S. C. Buff Orpingtons.—C. R. Hancock, 1, 2 pul.
White Orpingtons.—Mrs. R. L. Boyd, 1, 2, 3 pul, 1, 2 ckl, 1 pen.
Buff Plymouth Rocks.—Mrs. R. L. Boyd, 1 pu, 1 ckl.
Light Brahmas.—Mrs. D. C. Williams, 1 ckl, 1 ck, 1, 2, 3 hen.
C. I. Games.—T. D. Moore, Hopkinsville, 1, 2 ck, 1, 2, 3 pul, 1, 3 ck, 1, 2 hen, 1 pen.
J. E. Gunn, 2 ck, 2 pen, 2 hen (tied for 2nd).
Golden Seabright Bantams.—Mrs. D. C. Williams, 1 ck, 1 hen.
M. B. Turkeys.—Mrs. George Mimms, 1, 2 pul, 1 ckl, 1 old tom, 1, 2 hen. Mrs. W. A. Dickinson, Trenton, 1 yrl tom. Ward Claggett, 2 ck, 3 pul, 2 old tom.
Narragansett Turkeys.—Lee S. Oliver, 1, 2 pul, 1 ckl.
Imp. Pekin Ducks.—Mrs. Geo. Mimms, 1, 2, 3 pul, 1, 2 ckl, 1 drake, 1 duck.

Logan and Robertson County.

The Logan and Robertson Counties Poultry Association held its 3rd show in Adairville, Ky., Dec. 12-13, 1907, with R. E. Jones, of Nashville, Tenn., acting as scoring judge. Notwithstanding rain and the threatenings of great inclemency of weather, there was collected at that time and place 328 of the finest fowls (of the varieties shown) that was raised in the counties of Simpson, Todd, and Logan, Ky., and of Robertson, Tenn.

At the first annual show of the Giles County Poultry Association, Pulaski, Tenn., Dec. 12, 13, 14, 1907, the following prizes were awarded among our advertisers, F. J. Marshall, Judge:

White Plymouth Rocks.—Porter Bros., Columbia, Tenn., 1st cockerel, 1st hen, tie 2nd hen, 4th hen, 3rd pullet, 2nd pen.

Partridge Wyandottes.—Orr Bros., Culleoka, Tenn., 1st cockerel, 1st and 2nd pullet.

Single Comb Brown Leghorn.—Orr Bros., Culleoka, Tenn., 1st cockerel, 1st and 2nd pullet.

Single Comb White Leghorn.—R. S. Hopkins, Columbia, Tenn., tie 2nd cockerel, 3rd hen, 1st, 3rd pullet and 2nd pen.

Rose Comb Rhode Island Reds.—W. B. Farris, Pulaski, Tenn., 1st cockerel, 1st, 2nd, 3rd, 4th pullet, 2nd pen.

Single Comb Buff Orpingtons.—Orr Bros., Culleoka, Tenn., 1st and 3rd hen, tie 2nd pullet, tie 3rd cockerel.

Jefferson County Show.

With rare enterprise and pluck Dinwiddie, Foust and Dick carried to success the show at Jefferson City. There were over 200 birds, the room was well lighted; good coops and good care made a clean, nice display. Good quality, too; a B. P. R. hen scoring 94 is not an every-day affair. Susong in turkeys, Dick in

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Coiled Spring Fencing. Bull-strong Chicken-tight. Sold on 30 days free trial, we pay the freight. 100 pc. \$2.00. 500 pc. \$9.00. 1000 pc. \$17.00. 2000 pc. \$32.00. 3000 pc. \$45.00. 4000 pc. \$55.00. 5000 pc. \$65.00. 6000 pc. \$75.00. 7000 pc. \$85.00. 8000 pc. \$95.00. 9000 pc. \$105.00. 10000 pc. \$115.00. 11000 pc. \$125.00. 12000 pc. \$135.00. 13000 pc. \$145.00. 14000 pc. \$155.00. 15000 pc. \$165.00. 16000 pc. \$175.00. 17000 pc. \$185.00. 18000 pc. \$195.00. 19000 pc. \$205.00. 20000 pc. \$215.00. 21000 pc. \$225.00. 22000 pc. \$235.00. 23000 pc. \$245.00. 24000 pc. \$255.00. 25000 pc. \$265.00. 26000 pc. \$275.00. 27000 pc. \$285.00. 28000 pc. \$295.00. 29000 pc. \$305.00. 30000 pc. \$315.00. 31000 pc. \$325.00. 32000 pc. \$335.00. 33000 pc. \$345.00. 34000 pc. \$355.00. 35000 pc. \$365.00. 36000 pc. \$375.00. 37000 pc. \$385.00. 38000 pc. \$395.00. 39000 pc. \$405.00. 40000 pc. \$415.00. 41000 pc. \$425.00. 42000 pc. \$435.00. 43000 pc. \$445.00. 44000 pc. \$455.00. 45000 pc. \$465.00. 46000 pc. \$475.00. 47000 pc. 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W. P. R.; Dinwiddie and Dr. Cates in R. I. Reds; Moody, Harrell and Mrs. Miller in S. C. Black Minorcas, had birds of extra quality. In Buff Orpingtons Mrs. Miller won. The B. P. R. were extra good. Judge Owen placed the ribbons and said the display was remarkably good for a show of the size. Next year it is proposed to consolidate Newport, Jefferson City and Morristown and have a central show, probably at Morristown.

Lauderdale Poultry Show.

The Lauderdale County Poultry Association and the Farmers Institute, acting in conjunction, take pleasure in saying that the recent exhibitions in the respective departments as presented in Ripley, Tennessee, on December 13 and 14, were far beyond the expectations of the most enthusiastic participants; and the said organizations hereby extend thanks to those who so kindly cooperated in bringing about the satisfaction that we express.

We wish to say, also, that there never has heretofore been so much interest manifested in breeding thoroughbred poultry and stock of all classes, and scientific farming, which will, no doubt, develop into a permanent county fair of more than ordinary proportions.

At the Virginia Poultry show, held in Richmond, Va., Jan. 9-15, 1908, A. M. Black, the Black Langshan specialist of Tazewell, Va., and a regular advertiser in the Industrious Hen, showed a good string of his fine Langshans and won on them 1 ck, 1, 4, 5 hen, 1, 2, 4 ckl, 1, 3, 4, 5 pul, the association ribbon for best display of Langshans, the Eastern Langshan Club ribbons for best shaped male, best shaped female, best colored male and best colored female. In addition to the above Mr. Black also won one of the most coveted Silver Cup prizes of the show, the sweepstakes for highest scoring bird in show, which was awarded on the first premium B. Langshan cockerel.

The first annual show of the Hiawatha Poultry and Pet Stock Association was held at Hiawatha, Kansas, December 2 to 5 and was one of the largest local shows ever held in Kansas. 515 birds were passed upon by Judge C. H. Rhodes. The quality in all classes was excellent and the competition keen. In the Partridge Wyandottes it took the top notchers to win. In Pekin ducks if you did not have high scoring birds it was useless. The exhibition was a success in every way and exhibitors of standard poultry missed a great opportunity when they did not attend this show.

The First Annual Exhibition of the Douglas Poultry and Pet Stock Association, Dec. 4th. to 7th. 1907 was a marked success. There were 312 birds, quality as good as many much larger shows, a good display of fancy pigeons, 16 varieties being represented. A feature of the show was the performing parlor tumblers, loaned by C. J. Page (the tumbler man) of Salina, Kansas. The Leghorns had the largest number of entries, followed in order by the Wyandottes, Orpingtons and Plymouth Rocks.

25 Silver Cups, 15 Cash Specials, and nearly 100 other valuable specials is what the Toledo, O. show, Jan. 21 to 23, '08 is offering besides regular premiums of \$1.50 first, 75 cents second, 25 cents third, fourth and fifth ribbons. Uniform Cooping too. McClave, Riggs and Butterfield, Judges. Get a premium list of L. C. Taylor, Sec., Gibsomburg, Ohio.

E. L. Wilson, Columbia, Tenn., breeder of S. C. Buff Leghorns, won at the recent Nashville show, 1st cockerel, 1st pullet and 1st pen. We congratulate Mr. Wilson on his success with the beautiful Buffs.

At Washington, D. C., at the January show, Wm. F. Fotherall, Oakford, Pa., entered four varieties of Plymouth Rocks and won as follows: Partridge Rocks—1 ck, 1 hen, 1 ckl, 2 pul. Silver Penciled Rocks—1 ck, 1 hen, 1

WE WANT NAMES

You can send us the names from any number of different post offices. If you will send us these names we will send you **TWO BEAUTIFUL PICTURES FREE**. These pictures are reproductions of the most celebrated paintings in the world, and they are of high quality, and we know that you will be pleased and delighted with them; no pictures will be given for a list of less than ten names.

We want to send a free sample copy of a special issue of **THE HOME MONTHLY** (The National Poultry Journal) to a lot of poultry raisers who are not now taking our paper, and for that reason we want these names.

Send us immediately a list of at least ten poultry raisers and we will mail you, postpaid, **ABSOLUTELY FREE, TWO REPRODUCTIONS OF THE WORLD'S FAMOUS PICTURES**. Address, **THE HOME MONTHLY, 637 W. 43d Street, New York, N. Y.**

ckl, 1 pul. Barred Rocks—3 ck, 5 ckl. Golden Barred—1 ck, 1 ckl.

Lloyd C. Mishler, No. Manchester, Ind., exhibited 22 birds at Columbia City, Ind. in Dec. and won in a class of 50 R. C. B. Minorcas, 1, 2, 3 cocks; 1, 2, 3 hens; 1, 2, 4 cockerels; 1, 2 pullets; 1, 2 pens.

F. A. Bennett, Canton, Ill., won at the Illinois State show at Bloomington, January, 1908: 1, 3 ck; 1, 2 hen; 1, 2, 3 ckl, 1, 2 pul, 1, 2 pen, best 10 or more females. Two silver cups given by the National Single Comb Rhode Island Reds Club as follows: one for best cock, hen, cockerel, pullet, one for best display. Won silver cup and specials offered by the Rhode Island Red Club of America as follows: Cup for best display; specials for best colored males and females.

Asheville Poultry and Pet Stock Association.

At a meeting held on the 15th the following officers were elected: W. B. Greene, president; F. Strikeleather, Jr., vice-president, and Mrs. C. B. Campbell, re-elected secretary-treasurer. Date for holding next meeting will be December 1, 2, 3, 4, 1908.

Licensed Poultry Judges.

Below is a list of Licensed Poultry Judges of the American Poultry Association. Send \$2 and we will insert your name and address under this head for one year:

Chas. V. Keeler, Winamac, Ind.
S. T. Campbell, Mansfield, Ohio
Clarence W. King, Romulus, N. Y.
John Dudley, Emporia, Kansas
O. P. Greer, Bourbon, Ind.
A. B. Shaner, Lanark, Ill.
Phil Feil, Canal Dover, Ohio

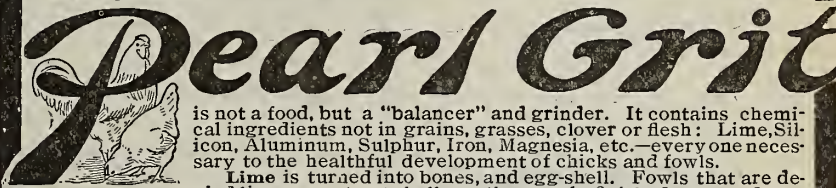


3000 Raised

Three years' trial is a good, fair test. When poultry-raisers "stick" to **Pearl Grit** that long you may figure that they'll stay with us for years to come. Here's what they said in 1905:

Ohio Marble Co., Piqua, Ohio.
Gentlemen:—We wish to say we have used your **Pearl Grit** for three years past with the greatest satisfaction. We reared 3000 excellent specimens on your grits last season. We find it far better than many others, your grit being more sharp, and valuable until worn out. Being white in color, the birds easily find it, and little is lost.
Respectfully, **WILBUR BROS.**
S. C. White Leghorn Specialists,
Petos, Tenn.

They are still with us, throwing Pearl to their poultry. They find it economical and profitable.



is not a food, but a "balancer" and grinder. It contains chemical ingredients not in grains, grasses, clover or flesh: Lime, Silicon, Aluminum, Sulphur, Iron, Magnesia, etc.—every one necessary to the healthful development of chicks and fowls.

Lime is turned into bones, and egg-shell. Fowls that are denied lime cannot put shells on the nearly finished eggs, and consequently are prevented from being active layers. Silicon is changed into claws, beak, feathers and leg-scales. Sulphur is a very necessary part of the yolk. Alumina appears in the white; Magnesia in the shell and iron in the blood.

Thus **Pearl Grit** balances the flesh and fat producing elements of hydrogen, oxygen and nitrogen in grains, grasses and meats.

Pearl Grit is **Hard, White, Clean and Sharp**—just what "hen's teeth" should be. It's economical, very little lost because it shines, is white. Hens like it, and prove its value at the market and in the egg-basket. It's the grit for you to use. You can easily read more about it in a little book, "True Grit," which we'll gladly send free to you, if you'll ask for it.

THE OHIO MARBLE COMPANY,

Box 225,

No. Wayne St.

Piqua, Ohio.



LANGFORD'S RHODE ISLAND REDS

SINGLE COMB ONLY

WON AT MADISON SQUARE GARDEN, N. Y., 1st Cockerel. JAMESTOWN, 1st, 4th, 6th Cockerels; 4th, 6th Pullets, 3rd Cock, 3rd Hen. Cup for Best S. C. Male in the Show. FORT WORTH, TEXAS, Four 1st, \$75 Special. Yards Mated, Eggs for Sale. New Illustrated Catalogue Free.

FRANK LANGFORD

R. R. 10.

NASHVILLE, TENNESSEE

BRIEF MENTION

The American Poultry Breeders and Fanciers Association show, will be held at Columbus, Ind., Jan. 13 to 18, 1908. H. K. Valland, Secy.

O. L. Moody, of Jefferson City, was at the East Tennessee show. He should have shown his S. C. Black Minorcas, with which he made such a winning at the Jefferson City show.

We were sorry not to see an exhibit of the Barred Plymouth Rocks of John W. Godwin, Jr. He won at Jefferson City show on males, and they were good ones, too.

Pittsburg has made a bid for the next meeting of the National S. C. Brown Leghorn Club. It will probably go there.

Mrs. J. S. Susong, Newport, Tenn., having had an expert to look over her turkeys, finds she has for sale some extra fine birds. See her ad on turkey page of this issue.

Partridge Wyandottes.

Bird Brothers of Meyersdale, Pa., were the successful winners on Partridges at Madison Square Garden, New York, 1907, winning on five entries, 2nd and 3rd cks, 4th chl, and 2nd hen.

Highest Scoring Bird in Class.

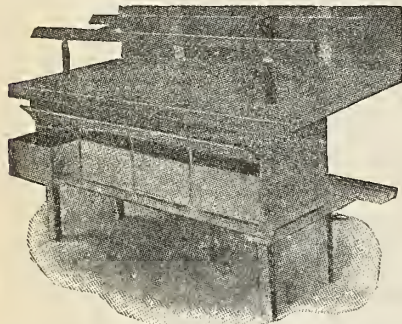
In a class of 128 S. C. White Leghorns at the recent Knoxville show, a hen bred, owned and exhibited by Wilber Bros., Petros, Tenn., won first prize, scored 95 1-2, and was the highest scoring bird in her class by one point. Those enterprising gentlemen have won prizes wherever they have shown, as the hundreds of ribbons on display indicated. Many of the prize winners of other exhibitors were from Wilber stock, so Mr. Wilber stated.

DO YOU KNOW

The POTTER SYSTEM of selecting laying hens—the greatest discovery of the century in the poultry world? It is a simple, natural and scientific method of picking out the layers from the loafers. You keep only layers in your flock when you use the Potter System. Figure out in dollars and cents your saving and added profit. Our system is used and recommended by prominent judges, editors and thousands of breeders. Write us today and learn what they say about it, and a dozen ways of making more money on your poultry. You can keep fewer hens, get more eggs and make more money if you know the Potter System.

DON'T BUILD

that new hen house or think of fixing up the old one until you have seen our large new 64 page catalogue on Poultry House Fixtures. The biggest and best ever issued; over 50 illustrations showing hen-house fixtures in 3 styles and 12 sizes; also "Simplex" trap nests; W. P. attachment, etc. No poultryman can



afford to be without this book. For eight years we have manufactured this line of goods. Thousands of poultry houses in every section of the country are equipped with Potter Fixtures. You can have convenient and sanitary quarters and you can save time, worry and money by using them.

The Potter Perfection Dry Feed Hopper will interest you, also our guaranteed Incubators and Brooders. Do not delay in sending today for our large 64 page catalogue and circulars telling all about Potter Poultry Products for Particular Poultry People. Write us today.

T. F. POTTER & COMPANY,
Box L. Downers Grove, Ill.

SOUTHERN POULTRY FARM, ROGERSVILLE, TENN.

WADE HAMPTON, Prop.

SINGLE AND ROSE COMB R. I. REDS

My 1st Rose Comb pen consists of 1st cock, 2nd and 3rd pullets and two 2nd pen pullets, at Jamestown.

My 1st Single Comb pen consists of 3rd cockerel; 4th hen at Jamestown and three Madison Square winners.

My 2nd Single Comb pen is headed by 1st cockerel at Great Birmingham show, 1907, and includes all prize winners at largest shows.

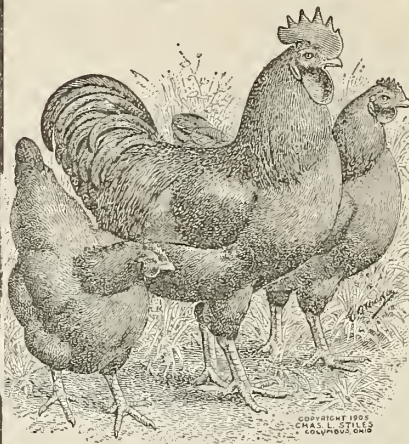
Highest scored pen at Knoxville, 1908, 187%.

\$15.00 SILVER CUP FOR BEST DISPLAY

S. C. Reds; \$31.50 in cash prizes on first pen of S. C. R. I. Reds. I won more prizes on 12 birds than 21 breeders won on 160 birds.

Judge Loring Brown said: "Your Rose Comb R. I. Reds are the best I ever saw."
Eggs \$2.00, \$3.00 and \$10.00 for 15.

Address Wade Hampton, Rogersville, Tenn.



THE THOMAS CONVERTIBLE BROODER

Is the Most Practical Invention in the History of Artificial Brooding. Can be Instantly Converted Into a Single or Double Brooder.

I have no costly brooder parts for sale; absolutely nothing but my plans and specifications, which are so plainly illustrated and explained, and the brooder is so simple to construct, that anyone with a saw, hammer and square, and the material, which can be had in your community for little or nothing, can make it in a few hours. (You don't need the help of a tinsmith or plumber either). Look into this matter today. It will pay you.

READ WHAT A SATISFIED CUSTOMER SAYS.

Mr. H. J. Thomas: Dear Sir—Thanks to your brooder, I have had greater success than ever this season. To be able to use brooder either as a single or double is a wonderful help. Your brooder is a Godsend to the fraternity, and I predict a great future for it. To be exact, my brooder cost me \$2 to make, and I raised over 300 chicks in it. I'm satisfied. Yours, K. G. HUTCHISON.

Send 2c stamp for booklet or, better still, save time by sending 50 cents (I prefer express or P. O. money order to

stamps) to get plans and specifications. You run no risk. If brooder is not all it is represented to be, return plans and get your money back (less postage). Could I be more fair? I don't propose to have a dissatisfied customer. Make it yourself. Plans and Specifications, 50 Cents.

H. J. THOMAS, DEPT. A., 24 BEDFORD COURT, DETROIT, MICH.

TERRELL'S SINGLE COMB RHODE ISLAND REDS

Were first prize winners in 1904 and 1905 in our best shows.

In 1906 first prize winner at Nashville, Tenn., Birmingham, Ala., Charleston, S. C., Houston, Texas, Marshall, Texas.

In the hands of my customers at Dallas, Texas, Augusta, Ga., Montgomery, Selma and Mobile, Ala.

This season's Birmingham state fair, won 1st and 3rd cocks, 1st and 2nd hen, 1st and 2nd cockerel, 2nd pullet, 1st and 2nd pen, best display in the American class.

At Augusta, Ga., 3rd cock, 2nd and 3rd cockerel, 2nd hen, 1st and 3rd pullet, 1st pen, 1st display, special cup best colored bird in show, club cup for best pen.

Birmingham show, 2nd cock, 1st and 2nd hen, 1st and 5th cockerel, 2nd pullet, 1st pen, club cup best display, club ribbon best shape male.

If you want birds to win for you in 1908 send me your egg orders. Book early. Prize matings \$5.00 for 15 eggs. Special matings \$3.00 for 15 eggs, \$5.00 for 30, \$15.00 for 100.

A limited number of cockerels and pullets for sale. Write me your wants. 1908 circular of winnings and mating free. Satisfaction guaranteed.

L. K. TERRELL, 304 Tusealoosa Ave., BIRMINGHAM, ALA.



- A - DEE FARM

J. A. DINWIDDIE, Prop.

S. C. RHODE ISLAND REDS

The great all purpose fowl. Layers, Broilers and quick growers.

AND

SINGLE COMB WHITE LECHORNS

The greatest Egg Producing variety known. Large, white eggs.

EGGS FOR HATCHING

Bred for high egg production. Unsurpassed in standard bred qualities.

J. A. DINWIDDIE, R. 3, NEW MARKET, TENN.

S. C. WHITE LECHORNS

— THAT WILL MAKE YOU MONEY —

Layers, mated breeders and cockerels in any size lots for sale. Write for prices before placing your order, I can give you better value for your money than you can get elsewhere. Satisfaction guaranteed.

Eggs from regular and special matings, \$1.50 and \$2.50 per 15; \$6.00 and \$10.00 per 100; \$45.00 and \$80.00 per 1,000. Fertility guaranteed.

Fogg's S. C. White Leghorns have been bred for heavy laying, health, vigor and standard qualities. They are reliable. Send for my catalogue giving prices on all birds and eggs. It gives facts you ought to know, write for it today to

N. V. FOGG, Box A, Mt. Sterling, Ky.

EGGS AT 'HARD TIMES' PRICES

On account of the condition of the money market, for THIS SEASON ONLY we are going to sell Eggs

From Our Famous 'Quality Kind' White Wyandottes

AT JUST HALF PRICE

Viz: Fifteen for \$2.50, One Hundred for \$10.00, Five Hundred for \$40.00

First Prize Winners at all leading Southern Shows. SPECIAL: During February and March we will give free of charge a nice utility cockerel with each order for 100 or more eggs. Write for catalogue, if you mean business.

D. D. SLADE, Prop.
J. H. ROBEY, Mgr.

Box 91, Lexington, Kentucky.

WOODCOTE POULTRY YARDS

WHITE WYANDOTTES EXCLUSIVELY

At the Greater Nashville Poultry Association show in Dec. 1907, under Riggs, I made a clean sweep, entering ten birds and winning five firsts, 1st cock, 1st hen, 1st and 2nd cockerel, 1st and 2nd pullet, 1st pen and Silver Cup for best pen of Wyandottes, besides five special prizes. At the Great Nashville show in January, 1908, under Drevenstedt, I won 1st cock (only one I entered,) 1st and 2nd cockerel, 2nd hen, 2nd and 3rd pullet, 2nd pen and a National White Wyandotte Club Silver Cup for the four best White Wyandottes in the hottest competition ever held in the South. Some fine cockerels for sale from same pen as prize winners, from \$3.00 to \$5.00. I guarantee my eggs. 1st pen, \$5.00 per 15. 2nd pen, \$3.00 per 15. 3rd pen, \$1.50 per 15.

MRS. Wm. R. LUKE, R. F. D. No. 5. Nashville, Tenn.

WANTED

Everyone interested in buying an Incubator to write us before placing an order.

SPECIAL OFFER TO NEW CUSTOMERS

If there is no agent in your locality write us. Our special offer to new customers will save you money.

AGENTS WANTED

We want a few more agents and dealers to sell COMPOUND INCUBATORS and ZERO BROODERS. Our proposition will make you money.

THIS IS THE INCUBATOR THAT TOOK OFF THE LARGEST HATCHES OF ANY INCUBATOR IN 1907

SEE WHAT A FEW OF THE USERS HAVE TO SAY:

120 Egg Compound, 105 strong healthy chicks.—C. A. Hawn, Blue Island, Ill. 240 Egg Compound, 220 chicks, a 1 alive.—E. Brack, Havensville, Kans. 360 Egg Compound, hatched more chicks than what is considered the best machine used in the South, besides, the Compound used less oil.—George R. Morse, Cleveland, Tenn. 700 Egg Compound, hatches more chicks than any standard make of machine in my plant, and uses less oil.—Chas. Thaldorf, Northbend, Wash. ZERO BROODER, the 12 Zero Brooders I purchased of you does the best work of any brooders I ever used, and uses less oil. S. D. Elliot, Maple Plain, Minn.

Ask for our Incubator Book which gives a full treatise on the young chick.

WARSAW INCUBATOR CO. - WARSAW, ILL.

The Poultry Business a "Hard Times" Business.

As further proof of the fact that the poultry industry is indeed a "hard times" business, we note with pleasure that while other industries are "closing up shop," level headed business men, who usually know where to place their money to the best advantage, are investing large sums in establishing more poultry farms.

One of the largest establishments of this nature undertaken in the South recently is the White Wyandotte farm of Mr. D. D. Slade, located in the heart of the famous "Blue Grass" section of Kentucky, near Lexington.

This farm contains about forty acres and is used only for breeding their famous "Quality Kind" White Wyandottes. Mr. Slade writes us that he has spent considerable money in securing the best and strongest blood lines to be gotten together in one breed and will offer only high class exhibition stock and eggs for sale.

Although he is a busy man, he will always find time to "show you," talk poultry or write those who are interested and mean business. Notice their ad in this issue of INDUSTRIOUS HEN.

Moss's Black Minorcas.

Charles T. Moss, Nashville, won as follows at the December Nashville show: 1 ckl, 2 ck, 1 hen, and 3 pullet, also A. P. Medal for best cockerel in Mediterranean class.

S. C. Black Minorcas

Layers, payers, stayers, when prizes are awarded at Jeff City show, Owen, judge, I won 1st ckl, 1, 2 pul, 1st pen. Farm raised, heavy layers. Eggs, \$2 per setting.

O. L. MOODY, Jefferson City, Tenn.

FOR SALE.

1 Cyphers Co., 120-egg Incubator.
2 Cyphers Co., 1907 Out-door Brooders (used twice); 4 Chas. A. Cyphers "Model" Double Indoor Brooders, capacity 160 chicks each. The latter are brand new—in original crates. A Bargain Mr. Chicken-man! Address

HARRY M. DANIEL,

109 Jennings Ave. - Knoxville, Tenn.

NORTON'S

S. C. RHODE ISLAND REDS

WHITE PLYMOUTH ROCKS

BARRED PLYMOUTH ROCKS

Winners wherever shown. A fine lot of high class cockerels at \$2.00, \$3.00 and \$5.00 each. Eggs from high class exhibition matings \$5.00 per 15. Eggs from pens mated for business, \$2.00. Write for circular.

J. O. Norton,

East Station

Nashville - Tennessee

Gave Away 300 Chicks.

A very interesting feature of the Trans-Mississippi Poultry show, held at Omaha, Neb., week ending Jan. 4, 1908, was the giving away of more than 300 Single-Comb White Leghorn chicks which had been hatched in the show room during the week in Mandy Lee Incubators and Brooders. Three hatches were pulled off, two of them better than 87 per cent, and the third 97 per cent. The eggs and chicks were counted and the per centages verified by any number of enthusiastic poultry-raisers during the week. Incubators and Brooders in operation are interesting at all times, but an exhibit of this kind "out of season" is of especial interest, and this demonstration (a part of the exhibit of the Geo. H. Lee Co., manufacturers of the above-named machines) was one of the "big" features of the show. This firm has a new book, "Twenty Years with Poultry," which is full of good, logical, practical poultry information, and free for the asking. Address Geo. H. Lee Co. Omaha, Neb.

Shipping Day Old Chicks.

This is no new trick, but an untried one in the South. It has been practiced successfully in the North, and one day old chicks are often sent 2,000 miles in cold weather. J. H. Crouse & Co., Franklin, Tenn., propose to ship day old Rose and S. C. Rhode Island Reds and Silver Gray Dorkins anywhere in the South. see ad elsewhere and have your order booked.

W. R. Greene, Montgomery, Ala., Cornish Indian Games, whose ad appears elsewhere won 1, 2, 3 on individual birds and breeding pen at the Alabama State Fair, Nov. 1907.

Two for One

Readers, if you are interested in apple growing, send us fifty cents for one year's subscription to *THE INDUSTRIOUS HEN* and *The Apple Specialist*—the two one year for 50c if you mention this offer.

INCUBATOR OIL

You can increase your hatch twenty-five per cent by using in your incubators Soline Oil

No Smoke, no Odor, a perfect Oil, made from premium Pennsylvania Crude.

Orders filled from Knoxville and Chattanooga, Tenn., High Point and Greensboro, N. C., Baltimore and Cumberland, Md. Address

TENNESSEE OIL COMPANY,
K. & O. Ry. Knoxville, Tenn.

THE CEDARS

Orpington eggs, \$1.25 and \$2.50 per 15.
S. C. W. Leghorn eggs, \$1.50 per 15.
Indian Runner Duck eggs, \$1.50 per dozen.
W. Wyandotte pullets, 90c and \$1.10 each.
S. C. W. Leghorn pullets, 75c and \$2.00.
Buff Orpington pullets, \$1.50 and \$2.50.
Buff Orpington breeders, \$1.25.

GEORGE E. MORSE,
Cleveland, Tennessee

**BUFF
WYANDOTTES**

The Beauty and Utility of the Wyandotte family is centered in the BUFFS.

I have the best that money and twenty years breeding experience can produce.

Stock and Eggs for sale at all times.
Show birds a specialty.

M. D. ANDES, - Bristol, Tenn.

WOODLAND POULTRY FARM

Has been Taking Prizes for Twenty Years in

B. P. Rocks, Black Langshans, White Wyandottes, S. C. White and Brown Leghorns and S. S. Hamburgs

BLOOD TELLS. THEY WIN FOR ME AND WILL WIN FOR YOU

Mrs. R. H. Bell, Washington Pike, Knoxville, Tenn.

DOAK'S WHITE WYANDOTTES

WON AGAIN AS USUAL

**At NASHVILLE Sept. 23-28, 1907: 1st Pen, 1st Cock, 1st Hen, 2d Pullet,
\$25 Cash Prize--BEST PEN IN SHOW, ANY BREED**

E. L. DOAK, Greenwood Ave., NASHVILLE, TENN.

"FEED TEN CENTS A BUSHEL"

Is your main feed for producing eggs and growing young stock costing you more than 10 to 15 cents a bushel? If so, you want my new book, title,

PROFITS IN POULTRY KEEPING SOLVED

which tells you how to make this great feed and gives you every detail in laying out and running a poultry plant. Gives you my lifetime experience. You can save \$25 a year on every one hundred hens you feed as well as increase your egg yield 30 to 40 per cent. No mashes under my new system. I have put hundreds of plants on a paying basis and can yours. Write today and stop that big feed bill. Circulars and testimonials free. My second edition of 3,000 copies now ready.

EDGAR BRIGGS, Box 156, NEW ROCHELLE, N. Y.

FIRST COCKEREL—JAMESTOWN EXPOSITION AMONG OUR WORLD'S BEST

WILBER'S SINGLE COMB WHITE LEGHORNS

Unexcelled America over for Beauty, Egg Production and Show Quality and winners in eighteen of America's best Shows. Choice birds at right prices. Eggs \$2, \$3 and \$5 for 15. \$3.50, \$5 and \$9 for 30. Write us your wants. Satisfaction Sure. Handsome catalog free.

WILBER BROTHERS Box G. **PETROS, TENN.**
The White Leghorn Men.

PORTER BROS.

R. 7, Columbia, Tenn.

WHITE PLYMOUTH ROCKS (Exclusively)

PENS ALL HEADED BY PRIZE WINNING MALES

WHITE WYANDOTTES Exclusively

BRED FOR UTILITY AND EXHIBITION

Won at Tullahoma, Tenn. (Lansden, Judge)—First Cockerel, Second and Third Pullet, First Pen.
Won at Murfreesboro, Tenn. (R. E. Jones, Judge)—First Cock, First Hen, First Cockerel, First, Second and Third Pullet, First Pen.

Early hatched, well developed Cockerels and laying Pullets for sale. Eggs, \$2.00 for Fifteen.
JAMES BAIRD JONES, - - - MURFREESBORO, TENN.

**S. C. Brown Leghorns**

TWENTY years breeding, judging and preparing birds for exhibition enables r nish winners. stock, both old now ready for



D. OWEN, - Athens, Tenn.



MANSON CAMPBELL,
President,
The Manson Campbell
Company, Ltd.

Let My 50 Years Success Start You Right for Poultry Profits

Whether you are an expert Poultry Raiser, or a Beginner, it will pay you, especially this year, to write me a postal for my New Free 1908 Chatham Incubator and Brooder Book on Poultry Science. My 50 years of practical experience in building Chatham Incubators and Brooders is told fully in this book. I tell you how you can start in the poultry business with a small amount of money and offer to prove to you on 5 years' guarantee that my machines are the best made. My 1908 book is so full of the latest improvements in chicken raising methods and practical information that no Expert or Beginner can afford to overlook it.

Take 84 Days Free Trial of My Chatham Incubator

If you are an Expert, set a Chatham beside any other incubator in the world and prove at my risk for 84 days on 3 hatches that Chathams beat the rest.

If you are a Beginner, just hold off a day or two until you get my low factory prices direct to you—freight prepaid—and read my 1908 Book before you buy. Write a postal to me personally, now, to get it.

Learn all about our two immense factories—our new improvements and our ways of testing every machine at our own experimental station.

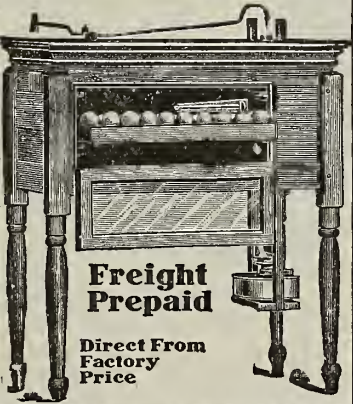
When a Chatham Incubator or Brooder leaves our factory to go to you it carries 50 years of successful experience with it and is an assurance of your success.

New, Free Chatham Poultry Book

It tells you how our \$500,000 invested in the Incubator manufacturing business is really an investment back of every one of our thousands of customers to make certain successful poultry raising the time they start with CHATHAMS. Write nearest office.

The Manson Campbell Company,
139 Wesson Ave., Detroit, Mich.

We have 24 Branch Warehouses, and make prompt shipments.



A BROWN BEAUTY COCKEREL
FIRST PRIZE WINNER, KNOXVILLE
— JAN. 08, BY OWEN —

FIRST PRIZE COCKEREL

At Knoxville, January, 1908.

—One of the Best—

Bred and Owned by J. H. Henderson.

Ward's Reds in Florida

A report from the Florida show, among other winnings of our advertisers, says C. Fred Ward won as follows: S. C. Rhode Island Reds, 1 pen; 2, 3, 4 ck; 2, 3 hen; 1 ckl, 3 pul.

First Red Cockerel scored 94 1-2 and won the cup for the highest scoring bird in the show, as well as R. I. Red Club ribbons for best shape and color on male. His winnings at this show amounted to about \$90. in value. Also won cups offered by both the Red Clubs for display and pen.

By far the strongest class was S. C. Rhode Island Reds, the breed especially adapted to this climate, closely followed by the ever popular Barred Plymouth Rocks.

Judge Jones expressed his surprise at finding such good birds in Florida, for most of the exhibit was by Florida breeders, though some birds were entered from the middle South.

Ward's S. C. Rhode Island Reds are known the country over—for he has some good ones. We show this issue in his ad a picture of a beautiful pair that have won many prizes. At the recent Florida State Show he captured the ribbons, and his beautiful cockerel was the talk of the town. Mr. Ward is in a better position this year than he ever was to handle trade and take care of egg orders, which he gives his personal attention. If you are interested in beautiful "Reds" drop a line to C. Fred Ward, Winter Park, Florida, and he will give you something interesting.

Southern Planter

One of the best farmers' journals that comes to our table is The Southern Planter, Richmond, Va., and by the way, the old State of Virginia is one of the best poultry States. This is the largest and best magazine for the money published—50c a year. We have joined forces with the Southern Planter in endeavoring to give the poultry men of the South the best and the most for their money, and for a limited time will send the Planter and The Industrious Hen both one year for the price of one, namely, fifty cents. If you want the two magazines one year for fifty cents don't delay, but send to-day and send now. Address The Industrious Hen Co., Knoxville, Tenn.

The Industrious Hen Free!

For the Next SIXTY DAYS we will Give Away About 500 Subscriptions to THE INDUSTRIOUS HEN.

LOOK AT THIS

The Regular Subscription Price of THE INDUSTRIOUS HEN One Year is50c
The Southern Agriculturist, Nashville, is 50c
The Southern Planter, Richmond, is50c
The Reliable Poultry Journal, Chicago, is 50c

(Send to any of the above for sample copy)

FOR THE NEXT SIXTY DAYS ONLY WE WILL SEND

The Southern Agriculturist and The Hen, one year for.....50c

—OR—

The Southern Planter and The Hen, one year for.....50c

—OR—

The Reliable Poultry Journal and The Hen, one year for.....60c

—OR—

ALL FOUR OF THE ABOVE PAPERS, ONE YEAR FOR \$1.00

This is Our Bargain Counter Offer.

Send orders at once, for as soon as our limit is exhausted this offer will be withdrawn. Address

The Industrious Hen Co.

Knoxville, Tennessee.

EGGS FROM EGGS BREEDERS WHITE WYANDOTTES

My birds are large, hardy and vigorous, being good in color, shape and markings every way. I will mate my yards early this season and can furnish eggs from very fine matings at \$2.00 and \$2.50 per 15. For further information write

S. M. G. BREEDEN, JR., R. F. D. No. 3, DECATUR, TENN.

Sun Flower Poultry Yards Kentucky Ringlets

Stock direct from E. B. Thompson, whose famous "Ringlet" strain leads among Barred Plymouth Rock breeds. My stock is farm grown, fine and vigorous. A few yearling breeders, cockerels and pullets for sale. Eggs at \$1.50 per 15.

MRS. M. E. ALMY,
BOX A. ALTAMONT, KY.

Another Important Step in Artificial Incubation

Without a question, the most important step in "artificial incubation" has recently come to light over the greater part of the United States; however, for the benefit of those who have not had the opportunity to get in touch with the facts, a number of poultry journals will publish this article.

There has been much said about how perfect the American make of incubator does its work, yet it has been proven by one of the best incubator men of the country, that there has been one very important point left out when considering perfect "artificial incubation" and bringing the embryo chick to proper maturity.

The shell of an egg is known to be made up with thousands of pores, this allows the shell to expand and contract when subjected to changes of temperature. The hen affords this expansion and contraction by bringing the egg in contact with her body, then working the egg to the outside of the nest, subjecting it to a change of several degrees. This expansion also takes place when the hen gets off the nest. This partly proves that this expansion and contraction of the shell for the period of 21 days weakens it to the extent that exclusion is possible for all the strong chicks, where heretofore many chicks died in the shell on account of the shell becoming crystalized and set from being under one certain temperature the most of the time during the hatch. On the other hand, many a strong germ has been weakened by the abuse it has received during incubation, the heat running up very high, or remaining too cold for a period of time, this is caused by the incubator being hard to control.

The above facts have been proved by the use of an incubator made especially for hatching the chick and bringing it to maturity by expansion and contraction of the shell. This incubator has been tested thoroughly for the past three seasons, and has been in the hands of some of the best poultrymen for the last two years, and last season the largest batches reported, also the strongest chicks were from this incubator.

The machine is now being manufactured by the Warsaw Incubator Co., of Warsaw, Ill., and is called the "Compound." The company have one of the best equipped incubator plants in the middle states and are shipping their machines to almost every State. They have issued a catalogue for this season fully describing the machine, and it can be had free for the asking.

An egg weighing four ounces, measuring three inches in length and nine inches in circumference, is being exhibited by T. P. Edgerton, who lives 10 miles northwest of Spokane. The egg was laid by an ordinary hen.

Mr. Edgerton is fond of chicken raising, and though four-score years of age, procured a marriage license two months ago, paid for it with eggs and became a benedict. The egg is what is commonly called a doubled-yolked and is a booster. Its weight is close to four times that of an ordinary egg and as for size it shows for itself. Around the thick portion it measures six and a quarter inches.

Souvenir Post Cards

Are All the Rage

We manufacture them for you from photographs of yourself, your children, your residence, animals, birds, etc., plain or colored. Quick delivery guaranteed. Send for samples and prices.

The Industrious Hen Co.

Knoxville, - - - Tennessee

..THE COMMONER..

Bryan's Paper, one year - - \$1.00
The Industrious Hen, one year - .50

\$1.50

The two one year for \$1.00 if subscription is sent to this office.


SINGLE COMB BUFF ORPINGTONS

Won at Morristown, Tenn., show, 1st pullet, 2nd pullet, 2nd cockerel. Eggs from select stock carefully mated. \$2.00 per 15.

R. B. BEWLEY - RUSSELLVILLE, TENN.

FAIRFIELD INCUBATOR

Bids for your order on the strength of what it will do for you. You want the machine that won't take an expert to operate—that hatches every hatchable egg—a simple, durable, well-built incubator—that's the Fairfield. Our guarantee says: You must be satisfied, or no sale. Get our catalog and read the guarantee—the broadest ever put out by any incubator builder. Catalog's free—write, Nebraska Incubator Co., Box 8, Fairfield, Nebraska.




1908 CATALOGUE FREE

Describes and gives prices of forty-five leading varieties land and water fowls and eggs. Every person interested in poultry for pleasure or profit should send their address for this book.

S. A. Hummel, Box 39, Freeport, Ill.

IDEAL POULTRY AND STOCK FARM

800 to select from. Some prize winners for sale cheap.

White and Silver Laced Wyandottes, (specialties), White and Brown Leghorns, Black Minorcas, B. P. Rocks. Birds \$1.00 up. No culls sent out. Satisfaction or money back.

Pedigreed Large English Berkshire Pigs \$6.00 to \$8.00. Write us before placing order.

C. E. SMITH, "Wyandotte Crank," Afton, Tenn.



CORNISH INDIAN GAMES

Winners of 1, 2, 3 prizes, Alabama Agricultural Fair, 1907. Buy eggs from acclimated stock—from my prize winners you get the best. Eggs \$2.00 per setting.

W. R. GREENE,

30 Amanda Street, Montgomery, Ala.

STEVENS



"Out-of-doors" with a STEVENS—
best thing for a growing boy!
Learning to shoot well and
acquiring qualities of
SELF-CONTROL, DECISION, AND
MANLINESS
are all due to STEVENS FIREARMS EDUCATION.

Ask your Dealer for Stevens Rifles—Shotguns—Pistols. Insist on our time-honored make. If you cannot obtain, we ship direct, express prepaid, upon receipt of Catalog Price.

Everything you want to know about the STEVENS is found in 140 Page Illustrated Catalog. Mailed for four cents in stamps to pay post age. Beautiful Ten Color Hanger—fine decoration for your "den" or club room—mailed for 6 cents in stamps.

J. STEVENS ARMS & TOOL CO.
P. O. Box 4097
Chicopee Falls, Mass., U. S. A.

PINE VIEW POULTRY YARDS

White Plymouth Rocks, prize winners, scoring from 91½ to 95¾, by Judge Hemlich, from \$1.00 to \$5.00 each. A few M. E. Turkeys of superior quality. Eggs in season.

MRS. W. A. DICKINSON, - TRENTON, KY.

POULTRY and GENERAL JOB PRINTING
100 Envelopes, 100 Note Heads and 100 Business Cards, \$1.00 post paid. FREE use full line of Standard Cuts. SAMPLES FREE. W. A. BODE P'T'G. CO., FAIR HAVEN, PENNA.

BUFF WYANDOTTES

Blocky, Blue Blooded and Buff to the skin. These are business birds as well as prize winners. I have bred them for years and breed them true and right. At Bristol, December, 1907, I won 1st, and 3rd Cockerel, 1st and 2nd Hen, 3rd Pullet, 1st Pen and all Club Specials in one of the largest classes at the show. My birds are true buff in color, good size, good shape and full of vigor. A few fine Cockerels for sale. Eggs for Hatching from Prize Matings, \$2.00 and \$3.00 for 15.

W. G. GRIFFIN,

BRISTOL, TENN.

WHITCOMB FARM

Riverside, R. I.

Winnings at Providence, December 1907.



1, 2, 3 Cock,.....	Special for best Cock,
1, 2, 3, 4, Hen.....	" " " " Hen,
1, 2, 4, Cockerel.....	" " " " Cockerel,
1, 3, Pullet,.....	" " " " Pullet,
1 Penn.....	" " " " Pen.

Special for best pen of P. Rocks, with all varieties competing.

Special for best Barred Rock, Male.

Special for best Barred Rock, Female.

American Plymouth Rock Club Specials for Best Colored Male and Female

American Plymouth Rock Club Specials for Best Shaped Male and Female.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN

Free to Our Readers.

Cyphers Incubator Company's Complete 208 Page Catalogue for 1908.

Herewith is shown a fac-simile illustration of the Great Free Book of Cyphers Incubator Company, Buffalo, N. Y., which will be mailed free to our readers on request, provided you mention this paper.

The new catalogue shown in the picture consists of 208 pages, 7-1/2x10 in size. It fully illustrates and describes the seventy-two valuable articles manufactured by this well-known firm for the use of all classes of poultry keepers. It also contains photographic views of many of the world's largest poultry plants, of America's leading egg farms and portraits of the most successful poultrymen of the United States and Canada.

Write today for a free copy of this valuable publication, addressing the nearest office of Cyphers Incubator Company as follows: Factory and Home Office: Buffalo, N. Y.—Branch Houses: 21-23 Barclay St., New York City; 310 Fifth Ave., Chicago, Ill.; 26-30 Union St., Boston, Mass.; 2325 Broadway, Kansas City, Mo.; 1569 Broadway, Oakland, Cal., and 119 Finsbury Pavement, London, England.

Honest Wire Fencing.

There is so much humbug in the fence business today that farmers dread the buying of a new fence. Many fences rust badly in from six to twelve months. The old style process of galvanizing wire, used ten years ago, was slow but it made good wire. The old process is not rapid enough for many wire makers today. They invented a new hurry-up-process that makes twice as much wire in a day. Spelter is the material with which wire is galvanized, and there are many grades of it. The hurry-up-process of galvanizing and a poor grade of spelter combined makes the rust-quick wire today. Haven't you had about enough of the rust-quick kind of fence? We are of the opinion that there are just as good fences made today as ever before. We have in mind a company that has advertised with us for years. They claim to use the old process of galvanizing, the best grade of spelter and that their fence will last for years. Their claims are so broad we certainly would have heard from some of our subscribers if their fence was faulty in any way. Their catalog is the largest of the kind published and is full of useful information. We request all needing wire fence to write for their free catalog. Mention this paper and address Kitzelman Brothers, Muncie, Ind. See their "ad" elsewhere in this issue.

At the "Great Show Me Show," held at Sedalia, Mo., under the management of the Missouri State Poultry Association last week Peter S. Hurt, Thorntown, Ind., showed the boys a trick with his famous Single Comb Buff Leghorns. In a letter from Theo. Hewes Mr. Hurt was informed that he won first cock, first and fourth pullet, first pen, second cockerel, and two American Buff Leghorn specials on his exhibit and special for "Best Display." His celebrated cock, Robert Buff, again won first and special, making him winner of ten first prizes and eight specials, having won the blue in four states. After being shipped so far without an attendant this record is exceptionally remarkable.—Argus Enterprise.

Poultry fanciers at Walla Walla, Wash., southwest of Spokane, are making preparations for their annual exhibition, Jan. 20-6, inclusive, and according to Dr. O. J. Croup, president of the association, it will be the most extensive show yet attempted. The feature of the show will be the number of birds to compete for the various premiums which are being arranged for. The association has been successful in securing reduced express rates with both companies operating into this city for the transportation of the birds, and a large number from outside points will be entered. Dr. Croup says there will be at least 150 birds from Spokane, Tacoma and Seattle. In addition to the six cups to be presented, winners of the various classes will receive 60 per cent. of the entrance fees. There are three cups which were won last year and these will be awarded again at the coming show unless last year's winners are successful again, as the winner must be awarded the prize two successive seasons before it is permanent. United States Senator Ankeny and others will donate prizes. J. M. Davis is secretary of the association.



LET ME SHOW YOU

HOW EASY IT IS TO BUILD YOUR OWN INCUBATOR AND BROODER

with my **Free Plans**. Anyone can do it, even a boy of ten years. Thousands of testimonials—not a single failure. My Catalog and Free Plans show every step of the work—you can't go wrong. 100 illustrations. I want to prove this by sending you these plans and catalog describing my improved

ACME AUTOMATIC LAMP & COMPOUND REGULATOR

which save half the oil, time and labor. Can be attached to any incubator or brooder. Can't overheat, can't upset, can't catch fire. Send for Free Plans and Catalog. I furnish all parts you can't make.

H. M. SHEER CO.,
224 Hampshire St., Quincy, Ill.



"Peek's Pecan Circular"

Send for free copy. Hartwell Pecan Nurseries, Hartwell, Ga. Established in 1882.

"A Short Talk on Pecans."

Starke Pecan Nurseries, Starke, Fla. Write a postal card for it.

THE BAND OF QUALITY
SMITH **SEALED**
OFFICIAL BAND

Jamestown, American, St. Louis Purchase, and Pan Lewis & Clark Expositions

Universally recognized as the best and most reliable sealed band made. Send stamp for sample and prices.

LEADER LEG BANDS

Neatest and best fastening; no catching points; Can't lose off. Prices postpaid, 15c dozen; 25, 25c; 50, 40c; 100, 65c. Send stamp for sample.

BEST YET

THE KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 616 Battle Creek, Mich.

BLACK'S BLACK LANGSHANS

The Original Egg-Laying Strain. Typical Langshans, Large in Size, Grand in Shape, Rich in Color.

Winners in strong competition at leading shows. Choice cockerels, pullets and yearling hens for exhibition or breeding purposes.

A. M. BLACK - The Langshan Specialist
TAZEWELL, VIRGINIA.

Barred Plymouth Rocks for Sale!

Young Cockerels of the first prize winning strain for sale. Must go to make room. Write for prices. Eggs in season. Orders booked now.

JOHN W. GODWIN, JR.
KNOXVILLE, TENN.

H. C. DIPPEL

W. C. PIERCE

DIPPEL & PIERCE

Breeders of

White Wyandottes and White Plymouth Rocks

THE WORLD WINNING KIND.

FAMOUS PIERCE STRAIN.

These breeds are bred separately on our places at Broad Ripple, eight miles from Indianapolis, and are not excelled by any flock in America in quality. If you want show birds or breeders we will try to please you. Some grand yards for the egg trade. 500 Birds to sell. Indianapolis and Jamestown exhibition winners in our yards.

DIPPEL & PIERCE,

116 N. Delaware St.,

INDIANAPOLIS, IND.

FARMS AT BROAD RIPPLE.

CAMPBELL'S WINNERS:

Buff and Brown Leghorns, Partridge Wyandottes. My Buffs are buff to the skin, heavy layers and won at Asheville, 2nd ck, 1, 4 hen; 1, 3 ck; 1, 3 pul; 1, 2 pen in strong competition. In Brown Leghorns two entries won 1st cock. My Partridge Wyandottes are winners, good layers and fine market birds. Eggs \$2.00 per setting.

MRS. C. B. CAMPBELL

Asheville, N. C.

RED BIRDS

THE QUALITY KIND

SINGLE COMB RHODE ISLAND REDS

America's Best Breed

I BREED PRIZE WINNERS

Won at Bristol and Knoxville, this season: Bristol—2nd, 3rd cocks; 2nd, 3rd cks; 1st, 4th hen; 3rd pullet and 2nd pen.

Knoxville: Over 200 competing. 1st cock and 3rd hen; 4th pullet. Stock and eggs for sale. Eggs, \$2.50 per 15. \$4.00 per 30.

E. E. ELLSWORTH, Johnson City, Tenn.



VIGER'S CRUSHED CHARCOAL

Will Keep Your Poultry Healthy.

It is a natural disinfectant and purifier, absorbs all impurities and disease germs, and keeps poultry in perfect laying condition. Fowls eat it readily. Three sizes: coarse granulated for mature poultry; fine granulated for small chicks; pulverized for soft feeds, etc. Write for samples and special quantity prices. Trial sack of 50 lbs., 1 cent.

VIGER'S COAL AND WOOD CO.,
438 Twentieth Street, Detroit, Mich.

BUFF ORPINGTONS

I have hatched some sons and daughters of First Cock and First Pen Madison Square this year. Can spare a few good ones at reasonable prices.

H. H. KINGSTON, JR.,
Brighton P. O. ROCHESTER, N. Y.

FASHION BOOK FREE!

I want to send you my handsome new book showing hundreds of latest styles with illustrated lessons on cutting and dressmaking. I will agree to sell you all the patterns you want for five cents each. They are the same patterns you have always paid 10c & 15c for at the stores, made by the same people, and correct in every detail.

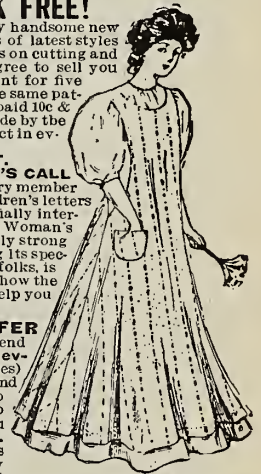
HOW I DO IT.

I publish the **FARMER'S CALL** a weekly paper for every member of the family. The children's letters each week are an especially interesting feature; and the Woman's Department is unusually strong and instructive. Among its special features for women folks, is its fashions in which I show the 52 patterns. Let me help you to save money.

MY SPECIAL OFFER

Send me 25c and I will send you the **Farmer's Call** every week (over 1000 pages) for one year and will send my big Fashion Book to you free. I also agree to sell you any pattern you want thereafter for 5c. I can sell them for 5c because I buy them by the thousand and don't make any profit.

I don't want the profit. I want your subscription to the **FARMER'S CALL**. You will save many times the cost of my offer in a year. WRITE TO-DAY!
JOHN M. STAHL, Dept. 672 QUINCY, ILL.



Famous Fowls or Southern Beauties.

Is the title of a handsome little 16-page pamphlet just issued from the press of THE INDUSTRIOUS HEN CO., and as its name indicates, shows the pictures of some of the hand-somest birds in the South. Two thousand copies of the first edition of "Southern Beauties" have been printed and are being distributed by the owners of the birds shown. We hope to make a feature of this class of advertising in the future and those who have birds worth showing, if they would like to see a copy of this pamphlet, and get particulars concerning the next edition we will be glad to mail them the information free upon request. This pamphlet is a fine specimen of the art of engraving and printing and should be in the possession of every lover of pretty poultry. This edition will not last long and the opportunity of showing your best bird in the second edition should not be neglected. Write today to THE INDUSTRIOUS HEN CO.

A Great Club Catalogue.

The National White Wyandotte Club has just issued its annual Catalogue for 1908 and we are prepared to say without fear of contradiction that it is by far the most beautiful and artistic book of its kind ever attempted. By its illustrations and articles it shows and tells fully what a modern exhibition and utility White Wyandotte should be. The valuable information this book contains is so great that we could not attempt to speak of it all here. Enough to say that we consider it worth in actual money, one dollar, to any one interested in White Wyandottes but upon receipt of ten cents, (one dime) Mr. H. P. Rankin, Acting Secretary Treasurer, Hartington, Neb., will mail a copy, postpaid, to anyone interested in this most popular breed.

A Precocious Pullet.

"A precocious Rhode Island Red pullet—hatched March 6th, 1907, began laying Aug. 8th; hatched a brood of chicks Oct. 1st, when less than seven months old."

The above is the record of one R. I. Red pullet, and certainly very extraordinary. At the recent Knoxville show no class attracted greater attention than the R. I. Reds. Mr. Wade Hampton of Rogersville, Tenn., had one Rose Comb and one Single Comb pen at the show that won more prizes, including highest scored pen in the show and \$15.00 Silver Cup for best display of single comb, given by the National S. C. R. I. Club. Mr. Hampton is to be congratulated and we are sure that the many breeders and exhibitors of this class of birds will in the future maintain the same pace that has been set by the R. I. Reds at all the recent shows.

An Ideal Farm.

Mr. George Callahan is laying the foundation for the largest model farm in East Tenn. He has recently contracted with Mr. H. C. Austin one of the veteran poultrymen of East Tennessee, as manager of his poultry department. With these two men we expect great things from Valley View Farm.

We take pleasure in calling the attention of our readers to the advertisement of the "Thomas Convertible Brooder," which is found in this issue.

The practical and helpful feature is the ability to use this brooder, either for one or two broods of from 50 to 100 chicks each, by a very simple contrivance which enables one to make the change instantly, using it as either one single brooder with a floor space 3x6 feet or two single brooders 3x3 feet.



No. 6; Score 93, Egg Record 197.



M. M. Johnson
Incubator Man

JOHNSON SAYS
"I Believe I Can Help You
in the Poultry Business"

I don't think any one man knows everything there is to know about hatching chickens, but I do know that Old Trusty has given satisfaction to more beginners in poultry raising than any other incubator ever made.

OLD TRUSTY INCUBATOR

is built on experience, not theory. It is simple and sure with no superfluous parts with funny names and hard to understand or regulate. It is absolutely automatic and sent on

40, 60 or 90 Days Trial

Freight prepaid, and I guarantee that it is the most easily run, the most time-saving and oil-saving incubator in the world, and that you will get 75% hatches, or better from the start—not next year or the year after next—but right now.

Get Johnson's Big Book

A poultry book by a man who knows. 176 pages; every page a poultry sermon. 300 pictures and I honestly believe more good chicken sense than ever was put into one book before. Send your name today to

M. M. JOHNSON, Clay Center, Nebraska



**Johnson
Pays
the
Freight**

POULTRYMEN

Send for our new 36 page Illustrated Poultry Catalogue. Absolutely Free.

EAST DONEGAL POULTRY YARDS,
MARIETTA, PENNSYLVANIA.

51 CHICKS from 50 EGGS

That has been the hatch at least four times from our

\$5.00 Buckeye Incubator



Let us give you the names of the people who obtained these remarkable results, and of many others who have been wonderfully successful. This incubator is Self-Regulating. It is backed by 17 years successful experience. You can test it on Both the Incubator and 50 Chick Brooder. Freight Paid east of Rocky Mountains, \$9.00. Send for **FREE Book** giving prices and describing this and larger sizes. Brooders, Supplies, and telling all about our great **Trial Offer**. Write today.

BUCKEYE INCUBATOR CO. Box 110 Springfield, Ohio

BLUE BLOOD
Winners.

HARD TO BEAT

LARGE PRODUCTION
Layers.

BAYNE'S EGG RECORD STRAIN OF WHITE WYANDOTTES

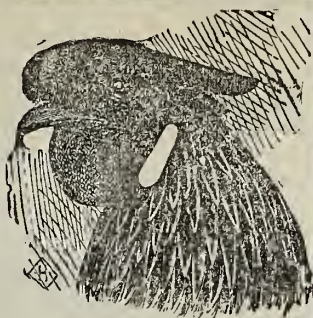
With fowls having an average egg record of 198 eggs in a year, I won this season at Knoxville, December, 1906, 1st hen, 3d cock, 2d pen, highest scoring W. W., and had best shaped male. At Bristol, Va., January, 1907, 1st, 2nd cock; 1st cockerel; 1st, 2nd, 3rd, 4th hen; 1st, 3d pen; best shaped male, and silver cup for largest winning display of 10 or more birds in American class. My fowls have vigor, health and hardiness; raised on free range—forty acres. Breeds, show or business birds on sale. Eggs \$2 for 15; \$3.50 for 30; \$4.50 for 50; \$8 for 100.

T. L. BAYNE, RUSSELLVILLE, TENN.

Cup Won at
Bristol Show.

HENDERSON WON FIRST COCKEREL

At Knoxville January 8-11-08.



2nd Hen, 2nd Pen, 4th Pullet (Tie)—145 Browns Competing.
Eggs from Exhibition Matings \$5.00 per setting, 15 Eggs. A few Pullets and Cockerels for sale. Circular free.

J. H. HENDERSON, THE BROWN LEGHORN SPECIALIST KNOXVILLE, TENN.
MEMBER AMERICAN BROWN LEGHORN CLUB.

RHODE ISLAND REDS ROSE AND SINGLE COMB

Largest Exclusive Breeders of Reds in the South

All birds standard bred, correct color, hardy and prolific. None but the best allowed to live. Send us your orders if you wish to start right. List of winnings, with matings for 1908 free.

Eggs from Prize Pens, \$2.00 per 15. Special Prize Matings, \$5.00 per 15

WEST DURHAM POULTRY FARM, WEST DURHAM, N. C.

S. C. R. I. Reds :: Indian Runner and Rouen Ducks

Beginning June 1 we shall offer some grand breeders at attractive prices. Females, 1 and 2 years old, \$1.50, \$2.00 to \$2.50. Males \$2.50 to \$5.00. Mated trios and pens at all prices. Also eggs and chicks. Write us your wants. Birds shipped on approval. **W. H. WITHINGTON, Mgr.**

WHITE BIRCH POULTRY FARM, Bridgewater, Mass.

WARD'S RHODE ISLAND REDS



At the Orlando Poultry Show, Dec. 18, '07, our birds won as follows: 1st pen, 2, 3, 4, ck; 1, 2 hen; 1, 4, ckl; 3 pul. Both Red Club silver cups for best pen, and display. Specials for shape and color on male and color on female. Grand sweepstakes prize for highest scoring bird in the show.

Eggs From Special Matings \$2 per Setting.

LIMITED NUMBER eggs from our selected Prize Yard, headed by "Osceola," our champion Cockerel, and containing hens and pullets scoring from 92½ to 95, at \$5.00 per 15.

We make a specialty of incubator eggs at \$8 per hundred. Write for our free illustrated booklet, describing our birds.

AKEMONT FARMS, G. FRED WARD, Prop., WINTER PARK, FLA.

Member both Red Clubs and American Poultry Association.

Leghorns and Orpingtons.

Mr. A. N. Browder, general manager of the Pines Poultry Farm, Anniston, Ala., presents to our readers some attractive birds and prices in his ad in this issue. White Leghorns and Buff Orpingtons are a great combination, and the Pines not only have some beauties, but the popular proprietors, Mr. Browder and Mrs. Belle Webb Tyler know how to get the very best out of them, and what they represent to you may be depended upon. Their ad is most convincing and should be consulted before buying.

Knoxville Birds Won Prizes at Cincinnati.

Knoxville birds won blue ribbons in the Cincinnati Poultry and Pet Stock show held here last week. In the show there were 2,000 birds, 500 pigeons and 100 ponies. Elmore E. Carter was the only Knoxville exhibitor. He exhibited some of his Brown Leghorns. Mr. Carter won prizes on 1 ck, 1, 2 hen, 1, 2 pul, 1, 2 ckl. He also received club ribbons for the best cock, cockerel, hen and pullet, best striped male and best hackle female. Every bird that Mr. Carter entered got a place.

S. C. Brown Leghorn Winnings.

H. B. Henry, the Brown Leghorn specialist, of Guntersville, Ala., has already this season, the following prizes to his credit and more to hear from:

Nashville, Jan. 1907, 1 ckl, 1 pul, 1 pen, besides many seconds and thirds. Alabama State Fair, Oct. 1907, 1, 2, 3 ckl; 1, 2, 3 hen; 1, 2, 4 pul; 1 breeding pen; special for best pen; special for best display in Mediterranean class, entered one pen and no cocks.

Alabama Poultry and Pet Stock Association, Birmingham, Nov. 1907, 1, 2, 3, 4 ckl; 1, 2 ck; 1, 2, 3, 5 pul; 1, 2, 4 hen; 1, 2 breeding pens; special for best pen; special for best display in Mediterranean class.

LUMLEY'S

LANGSHANS (Bk.) LEGHORNS (S.C.W.)
Best winter layers on earth. Record laying strain

RHODE ISLAND REDS (S.C.)

The utility bird

PEKIN DUCKS INDIAN RUNNER DUCKS

Laying at 5 mos. old. Lay like leghorns

Our birds are standard bred and from finest laying strains. Prize Winners every time

16 1st, 9 Second, 7 Third Premiums in three September 1907 shows. 1907 Tennessee State Fair—7 birds entered—won 3 1sts, 3 2nds, 1 3rd.

Eggs from prize winning pens \$2.00 for 15 (as good as anyone's)

Other pens \$1.00 for 15. Satisfaction guaranteed
W. E. LUMLEY, Wrightsville, Ga.

ACME

POULTRY SUPPLY CO.

MANUFACTURERS OF

ACME POULTRY FEEDS

POULTRY SUPPLIES

Largest Concern of Its Kind in the South

SEND FOR PRICE LISTS

ACME POULTRY SUPPLY CO.

NASHVILLE, TENN.

...FAUST'S BUFF LEGHORNS...

ARE RIBBON PULLERS.

Cockerel in breeding scores 95½. Pullets and hens, from 93 to 95½ points.

EGGS \$2.00 PER FIFTEEN

L. C. FAUST, NEW MARKET, TENN.



MOFFITT'S

Perfection Ideal Aluminum Leg Band—12 for 12c; 25 for 25c; 50 for 40c; 100 for 65c. State variety bands are for. Send two cents for sample. For Poultry and Pigeons.

J. MOFFITT, Southbridge, Mass.

Combined Poultry and Stock Fence.

During the past few seasons there has been quite a demand for an extra heavy poultry fence, a fence that can be used for gardens, orchards, poultry yards and barn yards with wires woven close enough to answer all requirements of a poultry fence, and at the same time heavy and strong enough to fence against all kinds of stock and marauding animals.

To meet this demand The Brown Fence & Wire Company, of Cleveland, Ohio, are now making a special poultry and garden fence with wires extra large in size and very closely woven,—in fact it is really an all around general purpose farm fence, being stretched in the same manner as any other woven fence with posts 20 to 30 feet apart.

When we stop to consider the cost of ad-

FREE TO YOU

THIS BEAUTIFUL FOUNTAIN PEN



Postpaid, as a premium with our great Club Offer No. 10F.

This is your last chance to get 7 of the best known papers in the world for 78c.

LOOK!

Industrious Hen
Poultry Digest
Rural Weekly
Goodall's Weekly Farmer
Woman's Home Journal
Rocky Mountain Magazine
American Stories

THE PEN

All of the above for ONLY 78c.

The picture of Pen is only one-half of the regular size.

If you don't want the pen yourself you can readily sell it.

A DESCRIPTION OF THE PEN—The pen points are perfectly fitted, and the feed will flow evenly, without leaking or blotting.

These pens are made by one of the largest and best known manufacturers in the United States. Each pen comes packed in a box, with full directions, with glass filler, and is ready for immediate use.

SCHOOL CHILDREN will find this Pen their greatest convenience.

THIS OFFER IS FOR ONLY A VERY SHORT TIME. IF YOU WANT A PEN, ORDER NOW, OR YOU MAY BE TOO LATE.

If you are already a subscriber to any or all of these papers, your time will be extended one year on receipt of the combination price.

EVERY PAPER GOES TO YOU FOR ONE FULL YEAR. The papers are so well known that a description of them is unnecessary.

REFERENCE—North Memphis Savings Bank, Memphis, or any business house in this city and any paper in our clubs.

WE WANT AGENTS AND REPRESENTATIVES ON SALARY OR COMMISSION. NOTICE—Never send stamps in payment of clubs. On Personal checks add 10 cents for exchange. Always order by Club Number. Remit by Express, Postoffice Order or Registered Mail. We are not responsible for money sent any other way.

PLANTER'S JOURNAL PUBLISHING CO.,
Dept. 10F Memphis, Tenn.

ditional posts, top and bottom boards, extra labor, etc., required with the old style chicken netting, it might be well to write the Brown Fence & Wire Company for their catalogue, as they claim to be able to sell their poultry fence at no higher cost per rod, and at the same time save this additional expense of lumber, labor, etc. The catalogue will be sent free to any one writing for same.

This company pays the freight and delivers to your nearest railway station in any part of the United States.

Prize Winning Black Minorcas.

Chas. G. Pape, Ft. Wayne, Ind., undoubtedly has an egg-laying strain of that great egg-laying breed of great big white eggs, the S. C. Black Minorca. If you want to know more about this popular breed write him at 1617 North Cass St., Ft. Wayne, Ind. He and his birds are O. K.

Mamma And The Babies

All Raised on

CHAMBERLAIN'S PERFECT CHICK FEED

THE WORLD'S CHICK FEED OF TO-DAY.



Write for Prices, Booklet, or name of nearest Agent.

W. F. CHAMBERLAIN,
(The Perfect Chick Feed Man.) ST. LOUIS, MO.

WALKER'S BARRED ROCKS and WHITE WYANDOTTES

WIN WHEREVER SHOWN

Winning first honors at Knoxville, Sweetwater and Madisonville, Tenn.

Our birds are farm-raised. Send us your order and start right
Eggs \$1.00 per 15 balance of season.

WALKER BROS., R. 1, MADISONVILLE, TENN.

WHITE ROCK POULTRY YDS.

L. A. DICK, Proprietor

W. P. ROCKS and S. C. BUFF LEGHORNS

YOUNG AND OLD STOCK FOR SALE

L. A. DICK, - - NEW MARKET, TENN.

SEND FOR HOPE'S FREE CATALOGUE OF HOLIDAY JEWELRY

Profusely illustrated, showing the newest and richest creations in Gold, Gem-Set and Tennessee Pearl Jewelry, Watches, Cut Glass, Sterling Silver and other fine gift wares. It's free on request. Hundreds of persons throughout the South satisfactorily deal with us, and we want YOU to be one of our patrons.

Wedding Invitations richly engraved in our own plant.
Send us your Fine Watches to be repaired.

HOPE BROS. JEWELERS, 519 Gay Street
KNOXVILLE, TENNESSEE

PARRISH

Breeds and Sells

More Show Specimens

THAN ANY FIVE

Brahma or Columbian

Breeders in the South.

T. REID PARRISH

NASHVILLE,

TENNESSEE

MILLIGAN'S STRAIN

S. C. WHITE LEGHORNS

Are no experiment but have been bred for great egg production. Their winnings at Chicago, Cincinnati, Louisville, Nashville, Birmingham, World's Fair, St. Louis, State Shows, in fact the world's largest exhibits, stamp their quality, as judges and poultry artists claim them to be the

BEST STRAIN OF S. C. WHITE LEGHORNS

in existence. Over 1,000 cocks, cockerels, hens and pullets. Birds sold and guaranteed to win in any competition.

JOHN R. MILLIGAN

Valley Station, Ky.

Photos of S. C. White Leghorns

See what you buy, by writing for a photo describing the specimen you want. 1,000 high class birds to select from, winning at such shows as Cincinnati, Louisville, Ky., State Fair, Lexington, etc.

W. E. GABHART,

Box M,

BOHON, KY.

Fine Lot of Ringlets for Sale

A grand flock of fine fowls, many of them blue ribbon winners, at reasonable prices. Exhibition fowls made a specialty, bred for size and egg production. Can furnish you fine large cockerels to improve your flock, of following strains: Thompson's Ringlets, Buff Rock Nuggets, Latham's Barred Rocks, Fishel's White Rocks, Duston's White Wyandottes, Partidge Wyandottes, Cook's Buff and White Orpingtons, Anconas and Rhode Island Reds, direct from their native land. Have won 100 prizes and a number of specials since 1906. Won a number of prizes at the Burlington Fair for 1907. The remarkable sales of the past season stamps their superiority. Write for show record and prices.

DR. JOHN W. LASLEY,

Burlington, N. C.

POSITIONS SECURED or Money Back

CONTRACT given, backed by \$300,000.00 capital and 18 years' SUCCESS

DRAUGHON'S PRACTICAL BUSINESS COLLEGES

28 Colleges in 16 States. Indorsed by business men. No vacation
LEARN BY MAIL Bookkeeping, Short-hand, Penmanship, completing course. For "Catalogue H." or Home Study or "Catalogue P." on attending College, Law, Letter Writing, English, Drawing, Illustrating, etc. Money back if not satisfied after phone, call on, or address JNO. F. DRAUGHON, President Draughon's Practical Business College:
KNOXVILLE, NASHVILLE, MEMPHIS, ATLANTA OR DALLAS.

WHEN WRITING TO ADVERTISERS PLEASE MENTION THE INDUSTRIOUS HEN

A Great Show.

Fort Worth, Texas, Jan. 9, 1908.

Gentlemen:—The National Feeders and Breeders show will hold its twelfth annual exhibition, at the stock yards, North Fort Worth, Texas, March 11th to 17th, 1908. This exhibition will be by far the greatest in its history. It will be given in the magnificent coliseum now nearing completion, which has been especially erected for this purpose at a cost of approximately \$250,000.00, and will be in readiness by the time the show is to be held. This show will bring together from all parts of the Southwest the different breeders of cattle, horses, swine and sheep, and there will also be in connection therewith a poultry show, which it is intended shall be one of the special features, and attractive premiums will be offered on all exhibits, aggregating more than \$16,000.00. This show is given more particularly to encourage the breeders of live stock generally, and in order that their herds and flocks may be improved, and an impetus given to the same. The fact that poultry contributes largely to the commercial value of farm products, reaching the stupendous sum of \$650,000,000.00 in the year 1907, makes it an important factor in the economy of farm life, and the show will endeavor to present to its visitors the greatest possible attraction in the way of poultry which has been collected within this state, and we believe will be greatly appreciated by the many thousands whom we expect to be here on that auspicious occasion.

The coliseum of which we write about, has a seating capacity of more than 2,500, with a magnificent arena, in which the horses and cattle will be led for inspection by the judges who will award the premiums. The length of our building will be 260 feet by 176 feet in width, with all conveniences for the comfort of visitors, and we are writing you in order that you may know the dates during which the show is to be held, and we sincerely trust that you will find it convenient to be with us at that time. With best wishes, we are, yours very truly, NATIONAL FEEDERS AND BREEDERS SHOW.

For Sale--Cheap.

Must get rid of the following articles at some price, so I am cutting the price down below what they cost to manufacture, and I can not keep them long at these prices.

Ten colony houses, good as new, can be taken down or hauled one at a time, cost \$15 and \$18 apiece. Will go at \$5 and \$8 each.

1 Indoor Peep-O-Day brooder, used one season, cost \$8. Put the price to \$4 to make it go.

One 300-egg Reliable incubator, used for two hatches. Everything complete, cost \$29. Take it away for \$10.

One No. 12, Mann power bone cutter. In perfect condition. Used one season. Cost \$30. Have been offered \$18. Must have \$20. It will pay for itself in a season in the increase of eggs.

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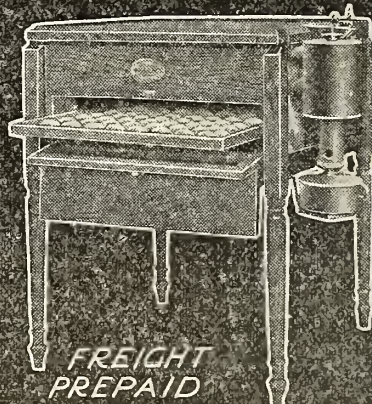
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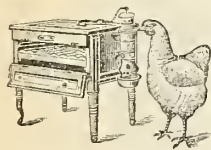


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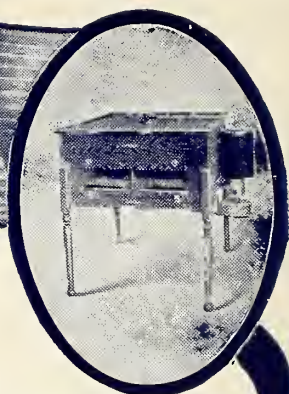
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